Journal of Non-Crystalline Solids 117&118 (1990) 941–951
North-Holland

AUTHOR INDEX

Adachi, H., see Itoh 117/118 (1990) 320
Akamatsu, T., see Niizeki 117/118 (1990) 848
Akdeniz, Z. and M.P. Tosi, Local coordination of polyvalent metal ions in molten halide mixtures 117/118 (1990) 642
Aksenov, P.V., A.N. Mansurova, A.V. Mikhailov and A.I. Ryazanov, Investigation of the radiation damage of the amorphous $Ni_{60}Nb_{40}$ alloy and microcrystalline Ni during irradiation of 2.5 MeV alfa-particles 117/118 (1990) 248
Aksenov, P.V., A.I. Ryazanov, Yu.V. Tikhonov, N.P. Djakonova, V.K. Semina and Yu.A. Skakov, Amorphization of Ni–Nb based alloys irradiated with alpha-particles 117/118 (1990) 749
Al-Hajry, A., J.M. Titman, M.S. Wright, N. Cowlam and P. Convert, Temperature variation of structure factor for molten Lii 117/118 (1990) 623
Alder, B.J., see Futral 117/118 (1990) 915
Alekseev, V.A., see Basin 117/118 (1990) 234
Alekseev, V.A., On the nature of anomalous values of electrical conductivity in the earth's mantle and core (metallization of liquid earth's matter) 117/118 (1990) 501
Alexander, H., see Kreis 117/118 (1990) 816
Altounian, Z., see Tu 117/118 (1990) 371
Ando, M., see Itoh 117/118 (1990) 421
Anno, L., see Koubaa 117/118 (1990) 312
Antonov, A.C., A.N. Lagarikov and L.V. Panina, The investigation of amorphous alloys structure by the ferromagnetic resonance method 117/118 (1990) 207
Aoki, K., see El-Esksndarany 117/118 (1990) 729
Arai, T., I. Yokoyama and Y. Waseda, A molecular dynamics study of liquid copper near the melting point 117/118 (1990) 96
Auchet, J., see Bretonnet 117/118 (1990) 395
Azhdari, K., S.K. Barthwal, V.K. Tandon and S. Ray, Kinetics of phase separation and matrix crystallization in electroless Ni–Co–15 at.% P amorphous alloys 117/118 (1990) 535

Baba, Y., see Sato 117/118 (1990) 379
Baer, S., J.M. Lopez and M. Silbert, Structural diffusion model calculations of the pair distribution function and structure factor of bcc-like amorphous systems 117/118 (1990) 180
Baer, S., Structure and entropy change in amorphous materials 117/118 (1990) 183
Bakai, A.S., Structural defects and reversable relaxation of locally regular amorphous solids 117/118 (1990) 252
Balucani, U., T. Gaskell and R. Vallauri, Diffusion in ordinary and supercooled liquid rubidium 117/118 (1990) 879
Baranyai, A. and D.J. Evans, Direct entropy calculation from computer simulation of liquids 117/118 (1990) 593
Baranyai, A., see Ruff 117/118 (1990) 597
Barkalov, O.I., see Ponyatovsky 117/118 (1990) 679
Barthwal, S.K., see Azhdari 117/118 (1990) 535
Basin, A.S. and V.A. Alekseev, Changes in density and structure of amorphizing alloys at crystallization 117/118 (1990) 234
Beck, H., see Fresard 117/118 (1990) 405
Belash, I.T., see Ponyatovsky 117/118 (1990) 679
Bellissent-Funel, M.-C., see Gasser 117/118 (1990) 383
Benazzi, N., J.G. Gasser and P. Terzieff, Anomalous concentration dependence of the resistivity of liquid Ni–Sb alloys 117/118 (1990) 391
Berger, Cl., see Godinho 117/118 (1990) 808
Bethoux, O., see Godinho 117/118 (1990) 808
Biegel, W., see Krebs 117/118 (1990) 199
Billard, L., see Lançon 117/118 (1990) 836
Bocquet, J.-L., see Limoge 117/118 (1990) 605
Bodensteiner, T., C. Morkel, P. Müller and W. Gläser, Collective modes in liquid cesium near the melting point 117/118 (1990) 116
Bormann, R., see Krebs 117/118 (1990) 199
Bormann, R. and R. Busch, Determination of the free energy of metastable crystalline and amorphous Nb–Co alloys and its application to metastable phase formation 117/118 (1990) 539
Bosse, J., see Thakur 117/118 (1990) 898
Boucher, B., P. Chieux, M. Sanquer and R. Tourbot, Nuclear and magnetic medium range order in amorphous $Tb_{65}Cu_{35}$ and $Er_{69.5}Cu_{30.5}$ alloys 117/118 (1990) 191
Boucher, B., see Sanquer 117/118 (1990) 497
Bratkovsky, A.M. and A.V. Smirnov, The topological characteristics and electron bonding in simple and metal–me-

talloid systems: Crystal; liquid; glass versus Penrose lattice 117/118 (1990) 211
Bretonnet, J.-L., J. Auchet and J.G. Gasser, Electrical transport properties of the liquid Al–Cu alloys 117/118 (1990) 395
Broto, J.M., see Sanquer 117/118 (1990) 497
Busch, R., see Krebs 117/118 (1990) 199
Busch, R., see Bormann 117/118 (1990) 539

Cantor, B., see Chang 117/118 (1990) 263
Caponetti, E., see Triolo 117/118 (1990) 172
Car, R., see Zhang 117/118 (1990) 930
Carini, G., M. Cutroni, A.J. Dianoux, G. Galli, L.M. Needham and H.M. Rosenberg, Inelastic neutron scattering in SeTe glasses 117/118 (1990) 140
Chang, I.T.H., B. Cantor and A.G. Cullis, Manufacture of amorphous GeSn alloys 117/118 (1990) 263
Chaveau, D., see Indlekofer 117/118 (1990) 351
Chebotnikov, V.N., see Molokanov 117/118 (1990) 789
Chiarotti, G., see Zhang 117/118 (1990) 930
Chieux, P., see Boucher 117/118 (1990) 191
Chihara, J., Liquid metallic lithium as a nucleus–electron mixture 117/118 (1990) 128
Convert, P., see Al-Hajry 117/118 (1990) 623
Cowlam, N., see Li 117/118 (1990) 148
Cowlam, N., see Al-Hajry 117/118 (1990) 623
Cowlam, N., see Ivison 117/118 (1990) 666
Cowlam, N., see Zarbakhsh 117/118 (1990) 692
Cullis, A.G., see Chang 117/118 (1990) 263
Cusack, N.E., see Takeda 117/118 (1990) 517
Cutroni, M., see Carini 117/118 (1990) 140
Cyrot-Lackmann, F., see Mayou 117/118 (1990) 413

Das, T. [illegible] R.N. Joarder, A simple modification of Young–Hoshino pseudopotential for Li: Calculations of structure and thermodynamics 117/118 (1990) 583
Dass, N., see Kumari 117/118 (1990) 563
Dianoux, A.J., see Carini 117/118 (1990) 140
Ding, B.Z., see Miao 117/118 (1990) 230
Djakonova, N.P., see Aksenov 117/118 (1990) 749
Du, X.Z., see Zhang 117/118 (1990) 259
Dürrwächter, M., see Ott 117/118 (1990) 108

Ebina, K., see Kaburagi 117/118 (1990) 543
El-Esksndarany, M.S., F. Itoh, K. Aoki and K. Suzuki, Preparation of Al_xTa_{1-x} amorphous alloy powder by mechanical alloying 117/118 (1990) 729
El Ghemaz, M., see Kefif 117/118 (1990) 387
Endo, H., see Tsuji 117/118 (1990) 72
Endo, H., see Inui 117/118 (1990) 112
Endo, H., see Yao 117/118 (1990) 473
Endo, H., see Katayama 117/118 (1990) 485
Endo, H., see Ikemoto 117/118 (1990) 493
Endo, H., see Hoshino 117/118 (1990) 525
Endo, S., see Okabe 117/118 (1990) 222
Evans, D.J., see Baranyai 117/118 (1990) 593
Evetts, J.E., see Zarbakhsh 117/118 (1990) 692

Fecht, H.J. and W.L. Johnson, Destabilization and vitrification of crystalline matter 117/118 (1990) 704
Fetzer, C., L. Gránásy, T. Kemény, M. Tegze and I. Vincze, Laser melted Fe–B alloys 117/118 (1990) 160
Fresard, R., H. Beck and M. Itoh, Muffin-tin EMA calculations of electrical resistivity for liquid and amorphous metals 117/118 (1990) 405
Freyland, W., Bulk and surface characteristics of metal–molten salt solutions 117/118 (1990) 613
Frigerio, J.-M. and J. Rivory, Optical properties of Al–Mn quasicrystalline phases prepared by solid state interdiffusion 117/118 (1990) 812
Fujima, N. and T. Yamaguchi, Shell model and magnetism of transition-metal microclusters 117/118 (1990) 285
Fujima, N., see Yamaguchi 117/118 (1990) 765
Fujiwara, T., Electronic structure in three-dimensional quasicrystals 117/118 (1990) 844
Fukunaga, T., see Kai 117/118 (1990) 359
Fukunaga, T., K. Nakamura, K. Suzuki and U. Mizutani, Amorphization of immiscible Cu–Ta system by mechanical alloying and its structure observation 117/118 (1990) 700
Fukunaga, T., Y. Homma, M. Misawa and K. Suzuki, The Ni–Ni partial structure in Ni–V alloy system observed by neutron scattering during mechanical alloying amorphization process 117/118 (1990) 721
Fukunaga, T., see Nasu 117/118 (1990) 725
Fukutome, H., see Ikawa 117/118 (1990) 328
Fukutome, H., see Shimoi 117/118 (1990) 332
Futral, W.S. and B.J. Alder, Quantum Monte Carlo study of the metal–insulator transition for a hydrogen lattice 117/118 (1990) 915

Galli, G., see Carini 117/118 (1990) 140
Gaskell, T., see Balucani 117/118 (1990) 879
Gasser, J.G., see Koubaa 117/118 (1990) 308
Gasser, J.G., see Koubaa 117/118 (1990) 312
Gasser, J.G., see Koubaa 117/118 (1990) 316
Gasser, J.-G., M. Mayoufi, R. Kleim and M.-C. Bellissent-Funel, Structure and electrical resistivity of liquid silver–germanium alloys 117/118 (1990) 383
Gasser, J.G., see Kefif 117/118 (1990) 387
Gasser, J.G., see Benazzi 117/118 (1990) 391

Gasser, J.G., see Bretonnet 117/118 (1990) 395
Gasser, J.G., see Hugel 117/118 (1990) 399
Giersig, L., see Ljakutkin 117/118 (1990) 551
Gillessen, F. and D.M. Herlach, Thermodynamics of undercooled Pd–Cu–Si melts 117/118 (1990) 555
Giro, A., see Trullas 117/118 (1990) 635
Gläser, W., see Bodensteiner 117/118 (1990) 116
Godinho, M., Cl. Berger, J.C. Lasjaunias, K. Hasselbach and O. Bethoux, Evolution of electronic and magnetic properties of amorphous and quasicrystalline Al–Mn phase between 15 and 20 at.% Mn 117/118 (1990) 808
Gonzalez, D.J., L.E. Gonzalez and M. Silbert, Ordering potential and chemical short range order in the structure of model liquid binary alloys 117/118 (1990) 132
Gonzalez, D.J., D.A. Ng and M. Silbert, Variational MHNC calculations of the structure of expanded liquid rubidium 117/118 (1990) 469
Gonzalez, L.E., see Gonzalez 117/118 (1990) 132
Gránásy, L., see Fetzer 117/118 (1990) 160
Gránásy, L., see Kemény 117/118 (1990) 168
Guillot, C., see Indlekofer 117/118 (1990) 351
Güntherodt, H.-J., see Zehringer 117/118 (1990) 425
Güntherodt, H.-J., see Richmond 117/118 (1990) 433
Güntherodt, H.-J., see Zehringer 117/118 (1990) 654
Gurskaya, E.G., see Kovneristyi 117/118 (1990) 589

Hafner, J., Interplay of the atomic and electronic structure in molten and glassy metals 117/118 (1990) 18
Hafner, J., Polyanionic clusters in liquid alkali–lead compounds 117/118 (1990) 64
Hafner, J., see Tegze 117/118 (1990) 195
Hafner, J., see Jank 117/118 (1990) 304
Hafner, J., see Renkin 117/118 (1990) 894
Haghani, M.A., see Ott 117/118 (1990) 108
Halim, H., see Kefif 117/118 (1990) 387
Hangai, K., see Kameda 117/118 (1990) 84
Harada, S., see Takeda 117/118 (1990) 68
Harada, S., see Takeda 117/118 (1990) 80
Harada, S., see Takeda 117/118 (1990) 517
Harada, S., see Takeda 117/118 (1990) 631
Harada, S., see Shirakawa 117/118 (1990) 638
Hasegawa, M., K. Hoshino, M. Watabe and W.H. Young, A new simple pseudopotential with applications to liquid metal structure factor 117/118 (1990) 300
Hasegawa, M., see Ishida 117/118 (1990) 650
Hasegawa, M. and T. Ichikawa, Structures of liquid metal surfaces and the specular reflection of fast electrons 117/118 (1990) 662
Hashimoto, H., see Nakamura 117/118 (1990) 289
Hashimoto, T., see Kimura 117/118 (1990) 828
Hasselbach, K., see Godinho 117/118 (1990) 808
Hauert, R., see Häussler 117/118 (1990) 293
Häussler, P., D. Moorhead, R. Hauert, H. Poppa and E. Kay, Influence of indirect magnetic interaction on the stability of amorphous alloys 117/118 (1990) 293
Hayami, W., see Yao 117/118 (1990) 473
Hayashi, Y., see Taniwaki 117/118 (1990) 745
Heinzinger, K., see Ruff 117/118 (1990) 597
Hensel, F., Metal–nonmetal transition in expanded liquid metals and metal clusters 117/118 (1990) 441
Hensel, F., Concluding Remarks (Experimental) 117/118 (1990) 935
Herlach, D.M., see Gillessen 117/118 (1990) 555
Herlach, D.M., see Kreis 117/118 (1990) 816
Hernandez, J.P. and L.W. Martin, Model for a system of divalent atoms 117/118 (1990) 481
Hida, M., H. Maeda, K. Kani, H. Mori, A. Sakakibara and Y. Takemoto, EXAFS and diffraction studies of athermal agitation effects on the local structure of amorphous $Ni_{75}Si_8B_{17}$ alloy 117/118 (1990) 144
Highmore, R.J., see Zarbakhsh 117/118 (1990) 692
Hirano, K.-i., see Kim 117/118 (1990) 547
Hiruta, M., see Nakamura 117/118 (1990) 289
Hiwatari, Y., see Kambayashi 117/118 (1990) 92
Hiwatari, Y. and H. Miyagawa, Molecular dynamics study of binary alloys near the glass transition 117/118 (1990) 862
Hiwatari, Y., see Odagaki 117/118 (1990) 887
Hiwatari, Y., see Miyagawa 117/118 (1990) 903
Hlil, E.K., see Zehringer 117/118 (1990) 425
Hohl, D. and R.O. Jones, First principles MD simulation of liquid and amorphous selenium 117/118 (1990) 922
Hollanders, M.A. and B.J. Thijsse, Simultaneous amorphization at interfaces and grain boundaries in a Ni/Ti multilayer 117/118 (1990) 696
Homma, Y., see Fukunaga 117/118 (1990) 721
Hori, M., see Sakamoto 117/118 (1990) 281
Hoshina, S., see Mizubayashi 117/118 (1990) 203
Hoshino, H., see Inui 117/118 (1990) 112
Hoshino, H. and H. Endo, Local structure of liquid rubidium–selenium mixtures 117/118 (1990) 525
Hoshino, K. and W.H. Young, Structure and concentration fluctuations in liquid alloys 117/118 (1990) 35
Hoshino, K., N. Matsuda, H. Mori and M. Watabe, Structure of expanded liquid caesium 117/118 (1990) 44
Hoshino, K., see Hasegawa 117/118 (1990) 300
Hosokawa, S. and K. Tamura, Density measurement for fluid selenium by the X-ray absorption method 117/118 (1990) 52

Hosokawa, S., see Inui 117/118 (1990) 112
Hosokawa, S. and K. Tamura, Optical absorption spectra of fluid selenium near the nonmetal–metal transition region 117/118 (1990) 489
Huang, B., N. Tokizane, K.N. Ishihara, P.H. Shingu and S. Nasu, Amorphization of Al–Fe alloys formed by ball milling and repeated rolling 117/118 (1990) 688
Huang, L.J., see Liu 117/118 (1990) 785
Hugel, Z. and J.G. Gasser, Phase shifts of liquid germanium determined from muffin tin potential. Calculation of electronic transport properties 117/118 (1990) 399

Ichikawa, T., see Hasegawa 117/118 (1990) 662
Iida, M., see Okada 117/118 (1990) 367
Iida, T., Y. Kita, Y. Kiruya, T. Kirihara and Z.-i. Morita, Densities of Ga–In and In–Sn alloys in the solid and liquid states 117/118 (1990) 567
Ikawa, A., see Ozaki 117/118 (1990) 277
Ikawa, A. and H. Fukutome, Semi-empirical model studies of electronic and lattice structures of chains of Se and Te and defects in them 117/118 (1990) 328
Ikemoto, H., I. Yamamoto and H. Endo, The optical properties of liquid selenium and tellurium 117/118 (1990) 493
Imai, M., see Tsuji 117/118 (1990) 72
Indlekofer, G., see Oelhafen 117/118 (1990) 267
Indlekofer, G., see Pflugi 117/118 (1990) 336
Indlekofer, G. and P. Oelhafen, Electronic structure of liquid lithium and sodium from electron spectroscopy 117/118 (1990) 340
Indlekofer, G., A. Pflugi, P. Oelhafen, D. Chaveau, C. Guillot and J. Lecante, Electronic structure of liquid polyvalent metals studied by synchrotron radiation photoelectron spectroscopy 117/118 (1990) 351
Inoue, A., K. Ohtera, M. Kohinata, A.-P. Tsai and T. Masumoto, Glass transition behavior of Al- and Mg-based amorphous alloys 117/118 (1990) 712
Inoue, A., A.-P. Tsai and T. Masumoto, Stable decagonal and icosahedral quasicrystals 117/118 (1990) 824
Inoue, K., see Shibata 117/118 (1990) 120
Inui, M., K. Tamura, M. Yao, H. Endo, S. Hosokawa and H. Hoshino, EXAFS studies on liquid Se–Te mixtures 117/118 (1990) 112
Isa, S., see Miura 117/118 (1990) 741
Ishchenko, A.M., see Kharkov 117/118 (1990) 244
Ishida, A., M. Hasegawa and M. Watabe, Monte Carlo simulation studies of surface properties of liquid metals 117/118 (1990) 650
Ishihara, K.N., see Huang 117/118 (1990) 688
Ishii, T., see Kakizaki 117/118 (1990) 417
Ishii, Y., Structural modulation induced by phasons in quasicrystals 117/118 (1990) 840
Itami, T., T. Sasada, N. Iwaoka and M. Shimoji, The magnetic suceptibility of liquid alkali–thallium alloys 117/118 (1990) 347
Ito, M., see Itoh 117/118 (1990) 421
Itoh, F., H. Adachi, S. Nasu and K. Suzuki, A cluster model calculation of electronic structure in Fe–B amorphous alloy 117/118 (1990) 320
Itoh, F., T. Sugawa, H. Sakurai, K. Suzuki, N. Sakai, M. Ito, N. Shiotani, H. Kawata and M. Ando, High resolution Compton profiles of liquid Li; Na and Li–Na alloy 117/118 (1990) 421
Itoh, F., see Nasu 117/118 (1990) 725
Itoh, F., see El-Esksndarany 117/118 (1990) 729
Itoh, M., see Fresard 117/118 (1990) 405
Itoh, M., Hall effect in disordered metals with strong short range order 117/118 (1990) 409
Ivison, P.K., N. Cowlam, Z. Zhong and J.M. Williams, Surface and bulk magnetism in ferromagnetic glasses 117/118 (1990) 666
Iwaoka, N., see Itami 117/118 (1990) 347
Iwashita, T., see Kanazawa 117/118 (1990) 793
Iwashita, T., see Kanazawa 117/118 (1990) 797

Jank, W. and J. Hafner, Trends in the electronic structure of the polyvalent liquid metals 117/118 (1990) 304
Jena, P., see Liu 117/118 (1990) 297
Jiang, Q., see Lück 117/118 (1990) 911
Joarder, R.N., see Das 117/118 (1990) 583
Johnson, W.L., see Fecht 117/118 (1990) 704
Jones, R.O., see Hohl 117/118 (1990) 922

Kaburagi, M., K. Ebina and T. Tonegawa, Multicomponent alloy with random interactions 117/118 (1990) 543
Kahl, G., Hard-sphere Yukawa reference system for soft spheres 117/118 (1990) 104
Kahl, G., A WCA study of binary liquid metal alloys with a non-additive hard-sphere reference system 117/118 (1990) 124
Kai, K., T. Nomoto, T. Fukunaga and K. Suzuki, Low-temperature specific heat of V-substituted Ni–Zr (V) metallic glass 117/118 (1990) 359
Kaisersberger, E., see Ljakutkin 117/118 (1990) 551
Kakinuma, F., S. Ohno and K. Suzuki, Heat capacities of liquid Sb–Se and Bi–Se alloys 117/118 (1990) 575
Kakizaki, A., M. Niwano, H. Yamakawa, K. Soda, T. Ishii and S. Suzuki, Photelectron spectra of liquid metals using synchrotron radiation 117/118 (1990) 417

Kambayashi, S. and Y. Hiwatari, A modified hypernetted-chain integral equation for the supercooled liquid of inverse power potentials 117/118 (1990) 92
Kameda, Y., O. Uemura, K. Hangai and T. Satow, X-ray and neutron diffraction studies of liquid Tl–Se system 117/118 (1990) 84
Kameda, Y., see Uemura 117/118 (1990) 88
Kameda, Y., see Uemura 117/118 (1990) 219
Kamiyama, T., see Shibata 117/118 (1990) 120
Kanazawa, I., T. Kizuka, M. Ohata, Y. Sakurai, S. Nanao and T. Iwashita, Positron annihilation study of quasicrystalline phases 117/118 (1990) 793
Kanazawa, I., Y. Yamazaki, Y. Sakurai, S. Nanao and T. Iwashita, The short-range structures of the icosahedral amorphous Al–Mn–Si alloys detected by TDPAC 117/118 (1990) 797
Kani, K., see Hida 117/118 (1990) 144
Kasaya, K., see Taniwaki 117/118 (1990) 363
Katayama, Y., K. Maruyama and H. Endo, Microclusters confined in zeolite cage 117/118 (1990) 485
Kawabata, K., see Yamamoto 117/118 (1990) 152
Kawamura, K., see Okamoto 117/118 (1990) 156
Kawase, Y., S.-i. Uehara and S. Nasu, Dynamical observation of the structure change at the melting point of In metal by a time-differential perturbed correlation method 117/118 (1990) 76
Kawata, H., see Itoh 117/118 (1990) 421
Kay, E., see Häussler 117/118 (1990) 293
Kefif, B., H. Halim, M. El Ghemaz and J.G. Gasser, Electrical resistivity of liquid Bi alloys with normal, noble and transition metals 117/118 (1990) 387
Kemény, T., see Fetzer 117/118 (1990) 160
Kemény, T., L. Gránásy, A. Lovas and I. Vincze, Local structure of amorphous (Ni,Fe)–Zr alloys 117/118 (1990) 168
Khanna, K.N., see McLaughlin 117/118 (1990) 100
Khanna, S.N., see Liu 117/118 (1990) 297
Khanna, S.N., see Mayou 117/118 (1990) 413
Kharkov, E.I., V.I. Lysov and A.M. Ishchenko, The relation of high-temperature stability of amorphous alloys with nucleation and growth of the crystalline phases 117/118 (1990) 244
Kikegawa, T., see Tsuji 117/118 (1990) 72
Kilic, H.H., S. Pietzko and R.W. Schmutzler, Thermodynamic activity of alkali metals in alkali metal–gold alloys 117/118 (1990) 521
Kim, J.-K. and K.-i. Hirano, Compositional correlations in the thermal stability of amorphous iron–rare earth metal–boron alloys 117/118 (1990) 547
Kimura, K., see Tei 117/118 (1990) 769
Kimura, K., see Koizumi 117/118 (1990) 801
Kimura, K., T. Hashimoto and S. Takeuchi, Electrical resistivities of high-quality quasicrystals at low temperatures 117/118 (1990) 828
Kirihara, T., see Iida 117/118 (1990) 567
Kiruya, Y., see Iida 117/118 (1990) 567
Kita, Y., see Iida 117/118 (1990) 567
Kizuka, T., see Kanazawa 117/118 (1990) 793
Kleim, R., see Gasser 117/118 (1990) 383
Koch, C.C., Amorphization by mechanical alloying 117/118 (1990) 670
Koebrugge, G.W., see Van Veldhuizen 117/118 (1990) 240
Koebrugge, G.W., J. van der Stel, J. Sietsma and A. van den Beukel, Effect of free volume on the kinetics of chemical short range ordering in amorphous $Fe_{40}Ni_{40}B_{20}$ 117/118 (1990) 601
Koebrugge, G.W., J. Sietsma and A. van den Beukel, Structural relaxation and equilibrium free volume in amorphous $Pd_{40}Ni_{40}P_{20}$ 117/118 (1990) 609
Kohinata, M., see Inoue 117/118 (1990) 712
Koide, H., see Taniwaki 117/118 (1990) 745
Koizumi, H., T. Suzuki, K. Kimura and S. Takeuchi, Ultrasonic velocity in large-grained Al–Li–Cu quasicrystal 117/118 (1990) 801
Kokai, S., see Uemura 117/118 (1990) 219
Komarek, K.L., see Mikula 117/118 (1990) 587
Koubaa, N. and J.G. Gasser, Analytical screened form factor obtained from Bachelet, Hamann and Schluter pseudopotential I 117/118 (1990) 308
Koubaa, N., L. Anno and J.G. Gasser, Electronic properties of liquid gallium–germanium alloys interpreted with Bachelet, Hamann and Schlutter pseudopotential II 117/118 (1990) 312
Koubaa, N. and J.G. Gasser, Interatomic potentials of alloys obtained from non local model potentials III 117/118 (1990) 316
Kovneristyi, Yu.K., N.A. Vatolin, E.G. Gurskaya, A.I. Landa, M.V. Romankevitch and A.A. Yuryev, Ab initio calculation of the thermodynamic properties of liquid alloys with the application to Ni–Al. A nonlocal resonant pseudopotential approach 117/118 (1990) 589
Kowaka, M., see Ruan 117/118 (1990) 752
Krebs, H.-U., W. Biegel, R. Bormann and R. Busch, Structure and phase transformations of sputtered Nb–Fe and Nb–Co films 117/118 (1990) 199
Kreis, J., D.M. Herlach, H. Alexander and W. Weiss, The solidification behaviour of Al–Mn melts 117/118 (1990) 816

Kumari, M. and N. Dass, Volume and thermal expansion of mercury in the temperature range 0–150°C and pressure range 0–8 kbar 117/118 (1990) 563
Kuo, K.H., Octagonal and decagonal quasicrystals 117/118 (1990) 756

Laborde, O., see Lasjaunias 117/118 (1990) 375
Lagarikov, A.N., see Antonov 117/118 (1990) 207
Lai, S.K., Thermodynamic calculation for liquid lithium using one-component-plasma system 117/118 (1990) 513
Lai, S.K. and M.S. Lin, Effects of quenching rate on liquid–glass transition 117/118 (1990) 907
Lançon, F. and L. Billard, Numerical simulation of quasicrystals 117/118 (1990) 836
Landa, A.I., see Kovneristyi 117/118 (1990) 589
Lasjaunias, J.C. and O. Laborde, Two-level systems and electrical resistivity of amorphous Zr–Cu alloys 117/118 (1990) 375
Lasjaunias, J.C., see Godinho 117/118 (1990) 808
Lecante, J., see Indlekofer 117/118 (1990) 351
Lee, C.H., M. Mori and U. Mizutani, Differential scanning calorimetry study of various intermetallic compounds subjected to mechanical grinding 117/118 (1990) 733
Lele, S. and R.K. Mandal, Icosahedrally related 1D quasicrystals 117/118 (1990) 773
Li, H.-D., see Liu 117/118 (1990) 785
Li, J.-C. and N. Cowlam, Structure and interatomic pair potentials for $Fe_{80}B_{20}$ metallic glass 117/118 (1990) 148
Li, S.L., see Miao 117/118 (1990) 230
Limoge, Y. and J.-L. Bocquet, Role of energetic disorder on diffusion in amorphous alloys 117/118 (1990) 605
Limoge, Y., High pressure effects on diffusion in an amorphous alloy 117/118 (1990) 708
Lin, M.S., see Lai 117/118 (1990) 907
Liu, B.X., C.H. Shang, L.J. Huang and H.-D. Li, Fe–Cu icosahedral phase and its thermal and magnetic properties 117/118 (1990) 785
Liu, F., S.N. Khanna and P. Jena, Ab-initio tight-binding theory for the electronic structure 117/118 (1990) 297
Ljakutkin, A., E. Kaisersberger and L. Giersig, Evidence for solid F.C.C.–liquid state transition and transformation through intermediate solid phase 117/118 (1990) 551
Lopez, J.M., see Baer 117/118 (1990) 180
Lovas, A., see Kemény 117/118 (1990) 168
Lu, K. and J.T. Wang, Variation of Avrami exponent for crystallization of melt-spun amorphous ribbons 117/118 (1990) 716
Lück, R., Z.-C. Wang and B. Predel, A survey of new and known models for the estimation of mixing enthalpies of multicomponent systems 117/118 (1990) 529
Lück, R., Fractions of different particles in liquid alloys according to a generalized association model 117/118 (1990) 533
Lück, R., Matching rules for the icosahedral Penrose tiling derived by inflation–deflation procedures 117/118 (1990) 820
Lück, R., Penrose sublattices 117/118 (1990) 832
Lück, R., Q. Jiang and B. Predel, Specific heat investigation of the glass transition and crystallization of amorphous $NiZr_2$ using low heating rates 117/118 (1990) 911
Lysov, V.I., see Kharkov 117/118 (1990) 244

Maeda, H., see Hida 117/118 (1990) 144
Maeda, M., see Taniwaki 117/118 (1990) 226
Maeda, M., see Taniwaki 117/118 (1990) 363
Mandal, R.K., see Lele 117/118 (1990) 773
Mansurova, A.N., see Aksenov 117/118 (1990) 248
Martin, L.W., see Hernandez 117/118 (1990) 481
Maruyama, K., see Katayama 117/118 (1990) 485
Masumoto, T., see Inoue 117/118 (1990) 712
Masumoto, T., see Inoue 117/118 (1990) 824
Matsubara, E., see Takeda 117/118 (1990) 68
Matsuda, H., see Tanemura 117/118 (1990) 883
Matsuda, N., see Hoshino 117/118 (1990) 44
Matsuda, T., see Sato 117/118 (1990) 379
Matsuda, T., Y. Sakabe, I. Ohara and U. Mizutani, Electronic properties of sp-electron dominant quasicrystalline alloys 117/118 (1990) 804
Matsui, N., see Yamada 117/118 (1990) 164
Mayou, D., S.N. Khanna, F. Cyrot-Lackmann, A new approach to electronic transport in disordered systems with strong scattering 117/118 (1990) 413
Mayoufi, M., see Gasser 117/118 (1990) 383
McGreevy, R.L., see Pusztai 117/118 (1990) 627
McLaughlin, I.L., Effect of screening on low angle structure factors for expanded liquid rubidium 117/118 (1990) 48
McLaughlin, I.L. and K.N. Khanna, Low angle structure factors of simple liquid metals using a hard sphere reference system 117/118 (1990) 100
Meijer, J.A. and W. van der Lugt, Electrical resistivities of liquid K–Bi and Cs–Bi alloys 117/118 (1990) 355
Miao, W.F., J.T. Wang, S.L. Li and B.Z. Ding, The activation energies for nucleation and growth during crystallization in $Cu_{40}Ti_{60}$ glass 117/118 (1990) 230
Mikhailov, A.V., see Aksenov 117/118 (1990) 248
Mikula, A. and K.L. Komarek, De-

termination of the Gibbs free energy in the As–Zn system from thermodynamic data of the ternary As–Cd–Zn system 117/118 (1990) 587
Mineta, T., see Uemura 117/118 (1990) 88
Misawa, M., Y. Tanaka, H. Nagai and A. Tsujimura, Spin-echo NMR study of ^{59}Co-hyperfine field distributions in amorphous (Co,T)–B alloys (T = Fe,Ni,Mn) 117/118 (1990) 344
Misawa, M., see Fukunaga 117/118 (1990) 721
Mitamura, T., see Tsuji 117/118 (1990) 72
Miura, H., S. Isa and K. Omuro, Preparation of iron–nickel based metal–metalloid amorphous powders by mechanical alloying 117/118 (1990) 741
Miyagawa, H., see Hiwatari 117/118 (1990) 862
Miyagawa, H. and Y. Hiwatari, Dynamical correlations in binary soft-sphere glasses 117/118 (1990) 903
Miyake, M., see Naka 117/118 (1990) 658
Mizubayashi, H., S. Hoshina and S. Okuda, Effects of structural relaxation on the elastic properties of amorphous CuTi 117/118 (1990) 203
Mizutani, U., see Yamada 117/118 (1990) 164
Mizutani, U., see Sato 117/118 (1990) 379
Mizutani, U., see Fukunaga 117/118 (1990) 700
Mizutani, U., see Lee 117/118 (1990) 733
Mizutani, U., see Matsuda 117/118 (1990) 804
Molokanov, V.V. and V.N. Chebotnikov, Quasicrystals and amorphous alloys in Ti–Zr–Ni system: glassforming ability, structure and properties 117/118 (1990) 789
Moorhead, D., see Häussler 117/118 (1990) 293
Mori, H., see Hoshino 117/118 (1990) 44
Mori, H., see Hida 117/118 (1990) 144
Mori, M., see Lee 117/118 (1990) 733
Morita, Z.-i., see Iida 117/118 (1990) 567
Morkel, C., see Bodensteiner 117/118 (1990) 116
Müller, P., see Bodensteiner 117/118 (1990) 116
Munakata, T., Dynamical extension of the density functional theory 117/118 (1990) 875
Murayama, S., see Ogino 117/118 (1990) 737

Nagai, H., see Misawa 117/118 (1990) 344
Nagaoka, K., see Nasu 117/118 (1990) 725
Naito, S., I. Yokoyama and Y. Waseda, Thermal pressure coefficients of liquid alkali metals: One-component plasma model 117/118 (1990) 579
Naka, M., M. Miyake and I. Okamoto, Effect of tungsten on corrosion behavior of amorphous FeCrZr alloys 117/118 (1990) 658
Nakagawa, M., see Okabe 117/118 (1990) 215
Nakamura, K., see Okabe 117/118 (1990) 215
Nakamura, K., see Fukunaga 117/118 (1990) 700
Nakamura, Y., M. Hiruta and H. Hashimoto, Chemical modification of liquid semiconductors: The As_2Te_3–Tl and As_2Te_3–Bi systems 117/118 (1990) 289
Nakamura, Y., see Tanaka 117/118 (1990) 429
Nanao, S., see Kanazawa 117/118 (1990) 793
Nanao, S., see Kanazawa 117/118 (1990) 797
Nasu, S., see Kawase 117/118 (1990) 76
Nasu, S., see Itoh 117/118 (1990) 320
Nasu, S., see Huang 117/118 (1990) 688
Nasu, T., K. Nagaoka, T. Sekiuchi, M. Sakurai, T. Fukunaga, F. Itoh and K. Suzuki, EXAFS study on solid state amorphization process of Ni–Nb alloy by mechanical alloying 117/118 (1990) 725
Needham, L.M., see Carini 117/118 (1990) 140
Nenno, S., see Yamamoto 117/118 (1990) 152
Ng, D.A., see Gonzalez 117/118 (1990) 469
Niizeki, K. and T. Akamatsu, The reciprocal space properties and localization properties of the electronic wave functions in quasicrystals 117/118 (1990) 848
Ninomiya, T., Structural features of quasicrystals and their electronic states for two- and three-dimensional cases 117/118 (1990) 777
Niwano, M., see Kakizaki 117/118 (1990) 417
Nomoto, T., see Kai 117/118 (1990) 359
Nosé, S., see Sakamoto 117/118 (1990) 281

Odagaki, T. and Y. Hiwatari, Stochastic model for a glass transition 117/118 (1990) 887
Oelhafen, P., A. Pflugi and G. Indlekofer, Electronic structure of liquid alloys from photoelectron spectroscopy 117/118 (1990) 267
Oelhafen, P., see Pflugi 117/118 (1990) 336
Oelhafen, P., see Indlekofer 117/118 (1990) 340
Oelhafen, P., see Indlekofer 117/118 (1990) 351
Oelhafen, P., see Zehringer 117/118 (1990) 425
Oelhafen, P., see Zehringer 117/118 (1990) 654
Ogawa, T., see Tanemura 117/118 (1990) 883
Ogino, Y., T. Yamasaki, S. Murayama and R. Sakai, Non-equilibrium phases formed by mechanical alloying of Cr–Cu alloys 117/118 (1990) 737
Ogita, N., see Tanemura 117/118 (1990) 883
Ohara, I., see Matsuda 117/118 (1990) 804
Ohata, M., see Kanazawa 117/118 (1990) 793
Ohnaka, I., see Yamamoto 117/118 (1990) 152
Ohno, S., see Okada 117/118 (1990) 367
Ohno, S., see Kakinuma 117/118 (1990) 575
Ohtera, K., see Inoue 117/118 (1990) 712
Okabe, T., K. Nakamura and M. Nakagawa, Local arrangement of amorphous GeSe2 from the viewpoint of crystallization sequence by electron microscopic observations 117/118 (1990) 215
Okabe, T., S. Endo and S. Saito, Simulta-

neous crystallization of both elements in amorphous Ge–Sb and Ge–Al eutectic alloys 117/118 (1990) 222
Okada, T., S. Ohno and M. Iida, Magnetic susceptibilities of liquid transition metal–tellurium alloys 117/118 (1990) 367
Okamoto, I., see Naka 117/118 (1990) 658
Okamoto, S., see Ono 117/118 (1990) 136
Okamoto, Y., R. Takagi and K. Kawamura, Radiation damage of amorphous alloy by heavy ion 117/118 (1990) 156
Okuda, S., see Mizubayashi 117/118 (1990) 203
Omuro, K., see Miura 117/118 (1990) 741
Ono, M. and S. Okamoto, Slips in crystallites observed by neutron double Bragg reflections at small scattering angle 117/118 (1990) 136
Osman, S.M. and M. Silbert, Density profile and surface tension of a model binary alloy 117/118 (1990) 646
Ott, K., M. Dürrwächter, M.A. Haghani and D. Quitmann, Bonding and dynamics in liquid metallic alloys 117/118 (1990) 108
Ozaki, M.-a. and A. Ikawa, Magnetic order in Be clusters 117/118 (1990) 277

Panina, L.V., see Antonov 117/118 (1990) 207
Parrinello, M., see Xu 117/118 (1990) 926
Parrinello, M., see Zhang 117/118 (1990) 930
Pastore, G. and G. Senatore, Theory of freezing for quantum systems 117/118 (1990) 871
Penfold, J., see Zarbakhsh 117/118 (1990) 692
Pflugi, A., see Oelhafen 117/118 (1990) 267
Pflugi, A., G. Indlekofer and P. Oelhafen, Electron spectroscopy of liquid Pd–Si and Pd–Bi alloys 117/118 (1990) 336
Pflugi, A., see Indlekofer 117/118 (1990) 351
Pietzko, S., see Kilic 117/118 (1990) 521
Ponyatovsky, E.G., I.T. Belash and O.I. Barkalov, Pressure-induced amorphous phases 117/118 (1990) 679
Poppa, H., see Häussler 117/118 (1990) 293
Predel, B., see Lück 117/118 (1990) 529
Predel, B., see Lück 117/118 (1990) 911
Price, D.L., Dynamical structure of liquid and amorphous metals 117/118 (1990) 10
Price, D.L., see Reijers 117/118 (1990) 56
Pusztai, L. and R.L. McGreevy, The structure of glassy zinc chloride: a reverse Monte Carlo study 117/118 (1990) 627

Quitmann, D., see Ott 117/118 (1990) 108

Rakoto, H., see Sanquer 117/118 (1990) 497
Ramakrishnan, T.V., Theory of freezing 117/118 (1990) 852
Ray, S., see Azhdari 117/118 (1990) 535
Reijers, H.T.J., W. van der Lugt, M.-L. Saboungi and D.L. Price, Formation of zintl-ions in alkali–lead alloys 117/118 (1990) 56
Reijers, H.T.J., W. van der Lugt, J.B. van Tricht and W.A.H.M. Vlak, The structure of Li–Ga 117/118 (1990) 60
Reimann, P., see Richmond 117/118 (1990) 433
Renkin, M. and J. Hafner, Density functional theory of the freezing of the hard-core Yukawa fluid 117/118 (1990) 894
Richmond, T., L. Rohr, P. Reimann and H.-J. Güntherodt, Recent progress in electron transport of amorphous metals 117/118 (1990) 433
Rivory, J., see Frigerio 117/118 (1990) 812
Rohr, L., see Richmond 117/118 (1990) 433
Romankevitch, M.V., see Kovneristyi 117/118 (1990) 589
Rosenberg, H.M., see Carini 117/118 (1990) 140
Ruan, Y., S. Yao and M. Kowaka, Amorphization of electrodeposited Fe–W alloy films and electrochemical behavior 117/118 (1990) 752
Ruff, I., A. Baranyai, E. Spohr and K. Heinzinger, Isothermal–isobaric molecular dynamics simulation of polymorphic phase transitions in alkali halides 117/118 (1990) 597
Ryazanov, A.I., see Aksenov 117/118 (1990) 248
Ryazanov, A.I., see Volkov 117/118 (1990) 256
Ryazanov, A.I., see Aksenov 117/118 (1990) 749

Saboungi, M.-L., see Reijers 117/118 (1990) 56
Saito, M., see Shirakawa 117/118 (1990) 638
Saito, S., see Okabe 117/118 (1990) 222
Sakabe, Y., see Matsuda 117/118 (1990) 804
Sakai, N., see Itoh 117/118 (1990) 421
Sakai, R., see Ogino 117/118 (1990) 737
Sakakibara, A., see Hida 117/118 (1990) 144
Sakamoto, S., F. Yonezawa, F. Wooten, S. Nosé and M. Hori, Molecular orbital study for electronic structures of metallic microclusters 117/118 (1990) 281
Sakamoto, S., see Yonezawa 117/118 (1990) 477
Sakurai, H., see Itoh 117/118 (1990) 421
Sakurai, M., see Nasu 117/118 (1990) 725
Sakurai, Y., see Kanazawa 117/118 (1990) 793
Sakurai, Y., see Kanazawa 117/118 (1990) 797
Sanquer, M., see Boucher 117/118 (1990) 191
Sanquer, M., R. Tourbot, B. Boucher, J.M. Broto and H. Rakoto, Magnetoconductance of amorphous Y_x–Si_{1-x} alloys near the metal–insulator transition 117/118 (1990) 497
Sasada, T., see Itami 117/118 (1990) 347
Sato, H., S. Tanaka, Y. Baba, T. Matsuda and U. Mizutani, Effect of the reduction in grain size on electron transport properties in Cu-based fcc alloys 117/118 (1990) 379

Satow, T., see Kameda 117/118 (1990) 84
Satow, T., see Uemura 117/118 (1990) 88
Satow, T., see Uemura 117/118 (1990) 219
Schmutzler, R.W., see Kilic 117/118 (1990) 521
Sekiuchi, T., see Nasu 117/118 (1990) 725
Selloni, A., see Xu 117/118 (1990) 926
Selloni, A., see Zhang 117/118 (1990) 930
Semina, V.K., see Aksenov 117/118 (1990) 749
Senatore, G., see Pastore 117/118 (1990) 871
Shackleton, C., see Zarbakhsh 117/118 (1990) 692
Shang, C.H., see Liu 117/118 (1990) 785
Shen, T., J.T. Wang and S. Wang, Variational thermodynamic calculation for supercooled metallic liquids 117/118 (1990) 559
Shibata, K., T. Kamiyama, K. Suzuki and K. Inoue, Dynamic structure of molten $0.80RbNO_3$–$0.20Sr(NO_3)_2$ mixture by neutron quasielastic scattering 117/118 (1990) 120
Shimoi, Y. and H. Fukutome, Vector charge density wave model of metallic Te and Se 117/118 (1990) 332
Shimoji, M., see Itami 117/118 (1990) 347
Shimomura, O., see Tsuji 117/118 (1990) 72
Shingu, P.H., see Huang 117/118 (1990) 688
Shiotani, N., see Itoh 117/118 (1990) 421
Shirakawa, Y., see Takeda 117/118 (1990) 631
Shirakawa, Y., S. Tamaki, M. Saito, S. Harada and S.-i. Takeda, Partial structure factors of molten salts 117/118 (1990) 638
Sietsma, J., see Thijsse 117/118 (1990) 176
Sietsma, J., see Van Veldhuizen 117/118 (1990) 240
Sietsma, J., see Koebrugge 117/118 (1990) 601
Sietsma, J., see Koebrugge 117/118 (1990) 609
Silbert, M., see Gonzalez 117/118 (1990) 132
Silbert, M., see Baer 117/118 (1990) 180
Silbert, M., see Gonzalez 117/118 (1990) 469
Silbert, M., see Trullas 117/118 (1990) 635
Silbert, M., see Osman 117/118 (1990) 646
Skakov, Yu.A., see Aksenov 117/118 (1990) 749
Smirnov, A.V., see Bratkovsky 117/118 (1990) 211
Soda, K., see Kakizaki 117/118 (1990) 417
Sommer, F., Thermodynamic properties of compound-forming liquid alloys 117/118 (1990) 505
Sommer, F., see Wachter 117/118 (1990) 890
Spohr, E., see Ruff 117/118 (1990) 597
Sugawa, T., see Itoh 117/118 (1990) 421
Sumiyama, K., see Tanaka 117/118 (1990) 429
Suzuki, K., How do we look at the order in disorders of liquid and amorphous metals through pulsed neutron scattering? 117/118 (1990) 1
Suzuki, K., see Shibata 117/118 (1990) 120
Suzuki, K., see Itoh 117/118 (1990) 320
Suzuki, K., see Kai 117/118 (1990) 359
Suzuki, K., see Itoh 117/118 (1990) 421
Suzuki, K., see Kakinuma 117/118 (1990) 575
Suzuki, K., see Fukunaga 117/118 (1990) 700
Suzuki, K., see Fukunaga 117/118 (1990) 721
Suzuki, K., see Nasu 117/118 (1990) 725
Suzuki, K., see El-Esksndarany 117/118 (1990) 729
Suzuki, S., see Kakizaki 117/118 (1990) 417
Suzuki, T., see Taniwaki 117/118 (1990) 226
Suzuki, T., see Koizumi 117/118 (1990) 801

Takagi, R., see Okamoto 117/118 (1990) 156
Takeda, S., S. Harada, S. Tamaki, E. Matsubara and Y. Waseda, Structural study of liquid Na–Tl alloys by neutron diffraction 117/118 (1990) 68
Takeda, S., S. Harada, S. Tamaki and Y. Waseda, Electron charge distribution in liquid sodium 117/118 (1990) 80
Takeda, S., S. Tamaki, S. Harada and N.E. Cusack, Thermodynamic properties of liquid Na-polyvalent alloys under high pressure 117/118 (1990) 517
Takeda, S.-i., Y. Shirakawa, K.-i. Takesawa, S. Harada and S. Tamaki, Sound wave propagation in molten salts 117/118 (1990) 631
Takeda, S.-i., see Shirakawa 117/118 (1990) 638
Takemoto, Y., see Hida 117/118 (1990) 144
Takesawa, K.-i., see Takeda 117/118 (1990) 631
Takeuchi, S., see Tei 117/118 (1990) 769
Takeuchi, S., see Koizumi 117/118 (1990) 801
Takeuchi, S., see Kimura 117/118 (1990) 828
Tamaki, S., see Takeda 117/118 (1990) 68
Tamaki, S., see Takeda 117/118 (1990) 80
Tamaki, S., see Takeda 117/118 (1990) 517
Tamaki, S., see Takeda 117/118 (1990) 631
Tamaki, S., see Shirakawa 117/118 (1990) 638
Tamura, K., see Hosokawa 117/118 (1990) 52
Tamura, K., see Inui 117/118 (1990) 112
Tamura, K., Semiconductor–metal transition in fluid selenium near the critical point 117/118 (1990) 450
Tamura, K., see Hosokawa 117/118 (1990) 489
Tanaka, K., see Yamada 117/118 (1990) 164
Tanaka, K., M. Ushida, K. Sumiyama and Y. Nakamura, XPS studies on the electronic structures of sputter-deposited and hydrogenated Ti–Pd alloy films 117/118 (1990) 429
Tanaka, S., see Sato 117/118 (1990) 379
Tanaka, Y., see Misawa 117/118 (1990) 344
Tandon, V.K., see Azhdari 117/118 (1990) 535
Tanemura, M., H. Matsuda, T. Ogawa, N. Ogita and A. Ueda, Molecular dynamics study of crystallization of the soft-core model 117/118 (1990) 883
Taniwaki, M., T. Suzuki and M. Maeda, Analysis of crystallization process of Metglas 2605SC by dilatometer 117/118 (1990) 226
Taniwaki, M., M. Uneta, K. Kasaya and M. Maeda, Mössbauer analysis of

superconductivity in tin and tin–copper films vapour-deposited on cold substrates 117/118 (1990) 363
Taniwaki, M., H. Koide, T. Yoshiie, Y. Hayashi and H. Yoshida, Amorphization in gallium arsenide by tin and iron ion implantation 117/118 (1990) 745
Tegze, M., see Fetzer 117/118 (1990) 160
Tegze, M. and J. Hafner, Structural and electronic properties of Ca–Zn glasses 117/118 (1990) 195
Tei, T., S. Takeuchi and K. Kimura, Atomic-packing characteristics of crystalline, quasicrystalline and amorphous structures of a simple metal system 117/118 (1990) 769
Terzieff, P., see Benazzi 117/118 (1990) 391
Thakur, J.S. and J. Bosse, Liquid–glass transition in two-component charged-hard-spheres 117/118 (1990) 898
Thijsse, B.J. and J. Sietsma, A critical look at the RDF's of 11 different amorphous alloys 117/118 (1990) 176
Thijsse, B.J., see Hollanders 117/118 (1990) 696
Tikhonov, Yu.V., see Aksenov 117/118 (1990) 749
Titman, J.M., see Al-Hajry 117/118 (1990) 623
Tokizane, N., see Huang 117/118 (1990) 688
Tonegawa, T., see Kaburagi 117/118 (1990) 543
Tosi, M.P., see Akdeniz 117/118 (1990) 642
Tosi, M.P., Concluding Remarks (Theoretical) 117/118 (1990) 939
Tourbot, R., see Boucher 117/118 (1990) 191
Tourbot, R., see Sanquer 117/118 (1990) 497
Triolo, R. and E. Caponetti, Analysis of the full small-angle scattering curve of Al–Li alloys 117/118 (1990) 172
Trullas, J., A. Giro and M. Silbert, Molecular dynamics of the structure and transport properties of amorphous AgI 117/118 (1990) 635
Tsai, A.-P., see Inoue 117/118 (1990) 712
Tsai, A.-P., see Inoue 117/118 (1990) 824
Tsuchiya, Y., Localized two liquids phase and non-metal–metal transition in the liquid S–Te system 117/118 (1990) 571
Tsuji, K., Structure of liquid metals under high pressure 117/118 (1990) 27
Tsuji, K., K. Yaoita, M. Imai, T. Mitamura, T. Kikegawa, O. Shimomura and H. Endo, Pressure-induced structural change of liquid cesium 117/118 (1990) 72
Tsujimura, A., see Misawa 117/118 (1990) 344
Tsumuraya, T., see Watanabe 117/118 (1990) 187
Tsunetsugu, H., Conductance fluctuation of a Penrose tiling 117/118 (1990) 781
Tsunoda, H., see Yamada 117/118 (1990) 164
Tu, G.-h., Y.-g. Zhang and Z. Altounian, Thermoelectric power of amorphous $Co_{100-x}B_x$ alloys 117/118 (1990) 371
Tuilier, M.-H., see Zehringer 117/118 (1990) 425

Ueda, A., see Tanemura 117/118 (1990) 883
Uehara, S.-i., see Kawase 117/118 (1990) 76
Uemura, O., see Kameda 117/118 (1990) 84
Uemura, O., Y. Kameda, T. Mineta and T. Satow, Structure and electronic properties of liquid Tl–$TlAsSe_2$ system 117/118 (1990) 88
Uemura, O., Y. Kameda, S. Kokai and T. Satow, Thermally induced crystallization of amorphous $Ge_{0.4}Se_{0.6}$ 117/118 (1990) 219
Uneta, M., see Taniwaki 117/118 (1990) 363
Ushida, M., see Tanaka 117/118 (1990) 429

Vallauri, R., see Balucani 117/118 (1990) 879
Van den Beukel, A., see Van Veldhuizen 117/118 (1990) 240
Van den Beukel, A., see Koebrugge 117/118 (1990) 601
Van den Beukel, A., see Koebrugge 117/118 (1990) 609
Van der Lugt, W., see Reijers 117/118 (1990) 56
Van der Lugt, W., see Reijers 117/118 (1990) 60
Van der Lugt, W., see Meijer 117/118 (1990) 355
Van der Stel, J., see Koebrugge 117/118 (1990) 601
Van Tricht, J.B., see Reijers 117/118 (1990) 60
Van Veldhuizen, H.B., G.W. Koebrugge, J. Sietsma and A. van den Beukel, The crystallization kinetics of amorphous $Fe_{40}Ni_{40}B_{20}$ measured by several physical properties 117/118 (1990) 240
Van Zytveld, J.B., Thermopower and the virtual bound state in liquid CuNi 117/118 (1990) 437
Vatolin, N.A., see Kovneristyi 117/118 (1990) 589
Vincze, I., see Fetzer 117/118 (1990) 160
Vincze, I., see Kemény 117/118 (1990) 168
Vlak, W.A.H.M., see Reijers 117/118 (1990) 60
Volkov, A.E. and A.I. Ryazanov, Concerning the theory of structural relaxation of amorphous alloys containing dissolved gas atoms 117/118 (1990) 256

Wachter, J. and F. Sommer, Glass transition temperature and viscosity of supercooled melts 117/118 (1990) 890
Wang, J.T., see Miao 117/118 (1990) 230
Wang, J.T., see Shen 117/118 (1990) 559
Wang, J.T., see Lu 117/118 (1990) 716
Wang, S., see Shen 117/118 (1990) 559
Wang, Z.-C., see Lück 117/118 (1990) 529
Warren Jr, W.W., Low density electron dynamics in liquids 117/118 (1990) 460
Waseda, Y., see Takeda 117/118 (1990) 68
Waseda, Y., see Takeda 117/118 (1990) 80
Waseda, Y., see Arai 117/118 (1990) 96
Waseda, Y., see Naito 117/118 (1990) 579
Watabe, M., see Hoshino 117/118 (1990) 44
Watabe, M., see Hasegawa 117/118 (1990) 300
Watabe, M., see Ishida 117/118 (1990) 650
Watanabe, M.S. and T. Tsumuraya, Local

structure and energetics in a model glass 117/118 (1990) 187
Weiss, W., see Kreis 117/118 (1990) 816
Williams, J.M., see Ivison 117/118 (1990) 666
Wooten, F., see Sakamoto 117/118 (1990) 281
Wooten, F., see Yonezawa 117/118 (1990) 477
Wright, M.S., see Al-Hajry 117/118 (1990) 623

Xu, L.F., A. Selloni and M. Parrinello, Dipolar atoms and spin paired species in Na–NaBr solutions 117/118 (1990) 926

Yamada, M., H. Tsunoda, N. Matsui, K. Tanaka and U. Mizutani, X-ray diffraction study of Al–Ni–Si and Al–Ni–Ge alloy glasses 117/118 (1990) 164
Yamaguchi, T., see Fujima 117/118 (1990) 285
Yamaguchi, T. and F. Yonezawa, A theoretical approach to the optical properties of trigonal and chain $Se_{1-x}Te_x$ 117/118 (1990) 324
Yamaguchi, T. and N. Fujima, Atomic structure of Al–Mn quasicrystal 117/118 (1990) 765
Yamakawa, H., see Kakizaki 117/118 (1990) 417
Yamamoto, I., see Ikemoto 117/118 (1990) 493
Yamamoto, M., K. Kawabata, S. Nenno and I. Ohnaka, Atom-probe field-ion microscope study of amorphous structure: Markov chain analysis 117/118 (1990) 152
Yamasaki, T., see Ogino 117/118 (1990) 737
Yamazaki, Y., see Kanazawa 117/118 (1990) 797
Yang, R.M., see Zhang 117/118 (1990) 259
Yao, M., see Inui 117/118 (1990) 112
Yao, M., W. Hayami and H. Endo, Optical absorption coefficient of dense mercury vapor 117/118 (1990) 473
Yao, S., see Ruan 117/118 (1990) 752
Yaoita, K., see Tsuji 117/118 (1990) 72
Yokoyama, I., see Arai 117/118 (1990) 96
Yokoyama, I., see Naito 117/118 (1990) 579
Yonezawa, F., see Sakamoto 117/118 (1990) 281
Yonezawa, F., see Yamaguchi 117/118 (1990) 324
Yonezawa, F., S. Sakamoto and F. Wooten, Theoretical study of metal–nonmetal transition in microclusters 117/118 (1990) 477
Yoshida, F., The electrical conductivity and electron correlations in liquid metals 117/118 (1990) 402
Yoshida, H., see Taniwaki 117/118 (1990) 745
Yoshiie, T., see Taniwaki 117/118 (1990) 745
Young, W.H., see Hoshino 117/118 (1990) 35
Young, W.H., see Hasegawa 117/118 (1990) 300
Yuryev, A.A., see Kovneristyi 117/118 (1990) 589

Zarbakhsh, A., N. Cowlam, R.J. Highmore, J.E. Evetts, J. Penfold and C. Shackleton, An investigation of the solid state reaction in NiZr multilayers by neutron reflectometry 117/118 (1990) 692
Zehringer, R., E.K. Hlil, M.-H. Tuilier, P. Oelhafen and H.-J. Güntherodt, Electronic and atomic structure of hydrogenated amorphous Ni–Zr alloys from photoelectron spectroscopy and EXAFS 117/118 (1990) 425
Zehringer, R., P. Oelhafen and H.-J. Güntherodt, Interaction of CO with hydrogen on hydrogenated amorphous Ni–Zr 117/118 (1990) 654
Zhang, Q.-M., G. Chiarotti, A. Selloni, R. Car and M. Parrinello, Atomic structure and bonding in liquid GaAs 117/118 (1990) 930
Zhang, Y.-g., see Tu 117/118 (1990) 371
Zhang, Y.Z., L.H. Zhe, X.Z. Du and R.M. Yang, Thermal stability and microstructure of the electrodeposited amorphous $Fe_{80}P_{18}Yb_2$ alloy 117/118 (1990) 259
Zhe, L.H., see Zhang 117/118 (1990) 259
Zhong, Z., see Ivison 117/118 (1990) 666

Journal of Non-Crystalline Solids 117&118 (1990) 953–966
North-Holland

SUBJECT INDEX

Acoustic Properties
Elastic Properties, Tunneling, Young's Modulus, Quasicrystals 117/118 (1990) 801
Liquids, Relaxation, Thermodynamics, Molten Salts 117/118 (1990) 631

Alloys
Amorphization, Amorphous Solids 117/118 (1990) 688
Amorphous Solids, Crystallization, Amorphization 117/118 (1990) 729
Amorphous Solids, Differential Thermal Analysis, Microstructure 117/118 (1990) 259
Amorphous Solids, Kinetics 117/118 (1990) 535
Amorphous Solids, Microstructure, Phase Separation 117/118 (1990) 152
Amorphous Solids, Structure, Magnetic Properties 117/118 (1990) 207
Amorphous Solids, Thermal Properties 117/118 (1990) 547
Bonding, Molecular Dynamics, Liquids 117/118 (1990) 64
Computer Simulation, Metallic Glasses, Structure, Quasicrystals 117/118 (1990) 769
Defects, Quenching, Relaxation, Trapping, Quasicrystals 117/118 (1990) 793
Density, Liquid Metals 117/118 (1990) 567
Density of States, Electronic Structure, Liquid Metals, Photo-emission 117/118 (1990) 351
Electron Diffraction, Theory, Quasicrystals 117/118 (1990) 765
Electronic Structure, Magnetic Properties, Liquid Metals 117/118 (1990) 367
Freezing, Liquid Metals, Germania 117/118 (1990) 816
Glass Transition, Amorphous Solids, Amorphization 117/118 (1990) 712
Lattice Dynamics 117/118 (1990) 543
Liquid Metals, Electronic Structure, Photo-emission 117/118 (1990) 336
Liquid Metals, Modelling, Theory 117/118 (1990) 316
Liquid Metals, Neutron Diffraction, Structure 117/118 (1990) 68
Liquid Metals, Structure, Theory 117/118 (1990) 35
Liquid Metals, Structure, Theory 117/118 (1990) 124
Liquid Metals, Thermodynamics 117/118 (1990) 555
Liquid Metals, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 312
Liquid Metals, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 395
Liquid Metals, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 437
Liquid Semiconductors, Magnetic Properties, Short-Range Order, Thermodynamics 117/118 (1990) 108
Liquids, Structure, Thermodynamics 117/118 (1990) 132
Metallic Glasses, Amorphization 117/118 (1990) 741
Microstructure, Sputtering 117/118 (1990) 263
Optical Properties, Crystallization, Quasicrystals 117/118 (1990) 812
Phase Separation, Small Angle X-ray Scattering, Structure 117/118 (1990) 172
Quasicrystals, Amorphous Solids, Structure 117/118 (1990) 824
Quasicrystals, Computer Simulation, Structure 117/118 (1990) 836
Quasicrystals, Magnetic Properties 117/118 (1990) 785
Quasicrystals, Structure, Amorphous Solids 117/118 (1990) 756
Short-Range Order, Thermodynamics, Liquid Metals 117/118 (1990) 517
Structure, Computer Simulation, Amorphous Solids 117/118 (1990) 211
Surface Properties, Surface Tension 117/118 (1990) 646
Thermodynamics, Liquid Metals 117/118 (1990) 589
Thermodynamics, Thermoelectric Power 117/118 (1990) 587
Thermoelectric Power, Amorphous Solids 117/118 (1990) 371
Thin Films 117/118 (1990) 521
Transport Properties – Liquids, Electronic Structure, Liquid Metals 117/118 (1990) 383
Transport Properties – Liquids, Liquid Metals 117/118 (1990) 355
Transport Properties – Liquids, Liquid Metals, Electronic Conductivity 117/118 (1990) 391
Transport Properties – Liquids, Liquid Metals, Electronic Structure 117/118 (1990) 387
X-ray Diffraction, Amorphous Solids 117/118 (1990) 164

Amorphization
Amorphous Solids, Alloys 117/118 (1990) 688
Amorphous Solids, Alloys, Crystallization 117/118 (1990) 729
Amorphous Solids, Calorimetry, Glass Formation, Thermodynamics 117/118 (1990) 733
Amorphous Solids, Calorimetry, Phase Transition, Structure 117/118 (1990) 670
Amorphous Solids, Differential Thermal Analysis, Electrochemical Properties, X-ray Diffraction 117/118 (1990) 752
Amorphous Solids, Diffusion, Multilayers, Neutron Diffraction 117/118 (1990) 692

Amorphous Solids, EXAFS, Glass Formation, Short-Range Order 117/118 (1990) 725
Amorphous Solids, Glass Formation, Thermodynamics, Thermal Properties 117/118 (1990) 704
Amorphous Solids, Impurities, Structure, X-ray Diffraction 117/118 (1990) 737
Amorphous Solids, Metastability, Phase Transition, Pressure Effects 117/118 (1990) 679
Amorphous Solids, Neutron Diffraction, Phase Transition, X-ray Diffraction 117/118 (1990) 700
Amorphous Solids, Neutron Diffraction, Structure, Phase Transition 117/118 (1990) 721
Crystallization, Radiation Effects, Metallic Glasses 117/118 (1990) 716
Diffusion, Glass Formation, Multilayers, X-ray Diffraction 117/118 (1990) 696
Diffusion, Metallic Glasses, Defects, Pressure Effects 117/118 (1990) 708
Glass Formation, Ion Implantation, III–V semiconductors, Radiation Effects 117/118 (1990) 745
Glass Transition, Amorphous Solids, Alloys 117/118 (1990) 712
Metallic Glasses, Alloys 117/118 (1990) 741
Radiation Effects 117/118 (1990) 749

Amorphous Solids
Alloys, Crystallization, Amorphization 117/118 (1990) 729
Alloys, Differential Thermal Analysis, Microstructure 117/118 (1990) 259
Alloys, Kinetics 117/118 (1990) 535
Alloys, Microstructure, Phase Separation 117/118 (1990) 152
Alloys, Structure, Magnetic Properties 117/118 (1990) 207
Alloys, Thermal Properties 117/118 (1990) 547
Amorphization, Alloys 117/118 (1990) 688
Calorimetry, Glass Formation, Thermodynamics, Amorphization 117/118 (1990) 733
Calorimetry, Phase Transition, Structure, Amorphization 117/118 (1990) 670
Chemical Durability, Surface Properties 117/118 (1990) 658
Computer Simulation, Liquid Semiconductors, Molecular Dynamics 117/118 (1990) 922
Computer Simulation, Structure, Short-Range Order, Molten Salts 117/118 (1990) 627
Computer Simulation, Structure, Transport Properties – Solids, Molten Salts 117/118 (1990) 635
Crystallization, Electron Microscopy, Phase Separation 117/118 (1990) 215
Crystallization, Raman Spectra, Structure 117/118 (1990) 219
Density of States, Phonons, Non-oxide Glasses 117/118 (1990) 140
Differential Thermal Analysis, Electrochemical Properties, X-ray Diffraction, Amorphization 117/118 (1990) 752
Diffusion, Hopping, Thermal Conductivity 117/118 (1990) 605
Diffusion, Multilayers, Neutron Diffraction, Amorphization 117/118 (1990) 692
Electrical Properties, Liquid Metals 117/118 (1990) 405
Electronic Conductivity, Electron Interactions, Localization 117/118 (1990) 433
Electronic Structure, Structure, Liquid Metals 117/118 (1990) 18
EXAFS, Glass Formation, Short-Range Order, Amorphization 117/118 (1990) 725
Glass Formation, Thermodynamics, Thermal Properties, Amorphization 117/118 (1990) 704
Glass Transition, Alloys, Amorphization 117/118 (1990) 712
Glass Transition, Specific Heat, Crystallization 117/118 (1990) 911
Impurities, Structure, X-ray Diffraction, Amorphization 117/118 (1990) 737
Metallic Glasses, Short-Range Order, Structure, Quasicrystals 117/118 (1990) 797
Metastability, Phase Transition, Pressure Effects, Amorphization 117/118 (1990) 679
Neutron Diffraction, Phase Transition, X-ray Diffraction, Amorphization 117/118 (1990) 700
Neutron Diffraction, Structure, Phase Transition, Amorphization 117/118 (1990) 721
Quasicrystals, Alloys, Structure 117/118 (1990) 824
Quasicrystals, Glass Formation, Structure 117/118 (1990) 789
Quasicrystals, Structure, Alloys 117/118 (1990) 756
Radiation Effects 117/118 (1990) 248
Structure 117/118 (1990) 180
Structure, Computer Simulation, Alloys 117/118 (1990) 211
Structure, Crystallization 117/118 (1990) 234
Theory, Transport Properties – Liquids, Liquid Metals 117/118 (1990) 409
Thermoelectric Power, Alloys 117/118 (1990) 371
Transport Properties – Solids, Metal–Insulator Transition 117/118 (1990) 497
X-ray Diffraction, Alloys 117/118 (1990) 164

Auger Electron Spectroscopy
Freezing, Liquid Metals, Computer Simulation, Transport Properties – Liquids 117/118 (1990) 879

Bonding
Alloys, Molecular Dynamics, Liquids 117/118 (1990) 64
Density of States, Electronic Structure, Molecular Orbital Calculation 117/118 (1990) 320
Heat Capacity, Chalcogenides 117/118 (1990) 575

Calorimetry
Amorphous Solids, Glass Formation, Thermodynamics, Amorphization 117/118 (1990) 733
Amorphous Solids, Phase Transition, Structure, Amorphization 117/118 (1990) 670
Crystallization, Diffusion, Kinetics 117/118 (1990) 226
Thermodynamics, Thermal Properties, Theory 117/118 (1990) 529

Chalcogenides
Defects, Molecular Orbital Calculation, Photoinduced Effects 117/118 (1990) 328

Electronic Structure, Theory 117/118 (1990) 332
Heat Capacity, Bonding 117/118 (1990) 575
Liquid Semiconductors, Density 117/118 (1990) 571

Chemical Durability
Amorphous Solids, Surface Properties 117/118 (1990) 658

Computer Simulation
Alloys, Metallic Glasses, Structure, Quasicrystals 117/118 (1990) 769
Amorphous Solids, Liquid Semiconductors, Molecular Dynamics 117/118 (1990) 922
Amorphous Solids, Structure, Short-Range Order, Molten Salts 117/118 (1990) 627
Amorphous Solids, Structure, Transport Properties – Solids, Molten Salts 117/118 (1990) 635
Electronic Structure 117/118 (1990) 926
Electronic Structure, Structure 117/118 (1990) 281
Electronic Structure, Structure, Metal–Insulator Transition 117/118 (1990) 477
Freezing, Auger Electron Spectroscopy, Liquid Metals, Transport Properties – Liquids 117/118 (1990) 879
Glass Transition, Quenching 117/118 (1990) 907
Liquid Metals, Structure, Theory 117/118 (1990) 44
Liquid Metals, Surface Properties 117/118 (1990) 650
Liquids, Theory, Thermodynamics 117/118 (1990) 593
Localization, Metal–Insulator Transition 117/118 (1990) 915
Molecular Dynamics, Phase Transition, Structure 117/118 (1990) 597
Quasicrystals, Alloys, Structure 117/118 (1990) 836
Radiation Effects 117/118 (1990) 156
Structure, Alloys, Amorphous Solids 117/118 (1990) 211

Crystallization
Amorphous Solids, Alloys, Amorphization 117/118 (1990) 729
Amorphous Solids, Electron Microscopy, Phase Separation 117/118 (1990) 215
Amorphous Solids, Glass Transition, Specific Heat 117/118 (1990) 911
Amorphous Solids, Raman Spectra, Structure 117/118 (1990) 219
Calorimetry, Diffusion, Kinetics 117/118 (1990) 226
Electron Microscopy, Nucleation, Thin Films 117/118 (1990) 222
Freezing, Electronic Structure, Electron Interactions, Liquids 117/118 (1990) 871
Kinetics, Metallic Glasses 117/118 (1990) 230
Metallic Glasses, Experimental Techniques 117/118 (1990) 240
Metallic Glasses, Mössbauer Effect, Short-Range Order 117/118 (1990) 168
Molecular Dynamics 117/118 (1990) 883
Optical Properties, Alloys, Quasicrystals 117/118 (1990) 812
Radiation Effects, Metallic Glasses, Amorphization 117/118 (1990) 716
Structure, Amorphous Solids 117/118 (1990) 234

Defects
Alloys, Quenching, Relaxation, Trapping, Quasicrystals 117/118 (1990) 793
Chalcogenides, Molecular Orbital Calculation, Photoinduced Effects 117/118 (1990) 328
Diffusion, Metallic Glasses, Pressure Effects, Amorphization 117/118 (1990) 708
Metallic Glasses, Relaxation, Diffusion 117/118 (1990) 601
Metallic Glasses, Structure, Relaxation 117/118 (1990) 252

Density
Alloys, Liquid Metals 117/118 (1990) 567
Expansion, Liquid Metals, Pressure Effects 117/118 (1990) 563
Expansion, Liquid Semiconductors, Metal–Insulator Transition 117/118 (1990) 52
Liquid Semiconductors, Chalcogenides 117/118 (1990) 571

Density of States
Alloys, Electronic Structure, Liquid Metals, Photo-emission 117/118 (1990) 351
Amorphous Solids, Phonons, Non-oxide Glasses 117/118 (1990) 140
Electronic Structure, Liquid Metals, Photo-emission, XPS 117/118 (1990) 267
Electronic Structure, Liquid Metals, Photo-emission, XPS 117/118 (1990) 340
Electronic Structure, Metallic Glasses, Specific Heat 117/118 (1990) 359
Electronic Structure, Molecular Orbital Calculation, Bonding 117/118 (1990) 320
Optical Properties, Theory 117/118 (1990) 324

Differential Thermal Analysis
Amorphous Solids, Alloys, Microstructure 117/118 (1990) 259
Amorphous Solids, Electrochemical Properties, X-ray Diffraction, Amorphization 117/118 (1990) 752
Phase Transition, Magnetic Properties, Expansion 117/118 (1990) 551

Diffusion
Amorphous Solids, Hopping, Thermal Conductivity 117/118 (1990) 605
Amorphous Solids, Multilayers, Neutron Diffraction, Amorphization 117/118 (1990) 692
Calorimetry, Crystallization, Kinetics 117/118 (1990) 226
Germanates, Trapping, Theory 117/118 (1990) 887
Glass Formation, Multilayers, X-ray Diffraction, Amorphization 117/118 (1990) 696
Glass Transition, Liquid Metals, Viscosity 117/118 (1990) 890
Metallic Glasses, Defects, Pressure Effects, Amorphization 117/118 (1990) 708
Metallic Glasses, Relaxation, Defects 117/118 (1990) 601

Elastic Properties
Acoustic Properties, Tunneling, Young's Modulus, Quasicrystals 117/118 (1990) 801

Electric Properties
Liquid Semiconductors, Magnetic Properties, X-ray Diffraction 117/118 (1990) 88
Liquid Semiconductors, Metal–Insulator Transition, Thermoelectric Power 117/118 (1990) 289

Electrical Properties
Electronic Conductivity, Localization, Transport Properties – Solids, Quasicrystals 117/118 (1990) 828
Liquid Metals, Amorphous Solids 117/118 (1990) 405

Electrical Properties and Relaxation
Electronic Conductivity, Electronic Structure, Hall Coefficient 117/118 (1990) 379

Electrochemical Properties
Amorphous Solids, Differential Thermal Analysis, X-ray Diffraction, Amorphization 117/118 (1990) 752

Electron Diffraction
Alloys, Theory, Quasicrystals 117/118 (1990) 765
Liquid Metals, Surface Properties 117/118 (1990) 662

Electron Interactions
Amorphous Solids, Electronic Conductivity, Localization 117/118 (1990) 433
Electronic Structure, Electron–Lattice Interactions, Fermi Level 117/118 (1990) 421
Freezing, Crystallization, Electronic Structure, Liquids 117/118 (1990) 871
Molecular Orbital Calculation 117/118 (1990) 277

Electron Microscopy
Amorphous Solids, Crystallization, Phase Separation 117/118 (1990) 215
Crystallization, Nucleation, Thin Films 117/118 (1990) 222
EXAFS, Metallic Glasses, X-ray Diffraction 117/118 (1990) 144
Neutron Diffraction, Phonons, Transport Properties – Liquids 117/118 (1990) 116
Quasicrystals 117/118 (1990) 773
Structure, Electronic Structure, Theory, Metal–Insulator Transition 117/118 (1990) 469

Electron Spin Resonance
Magnetic Properties, Metal–Insulator Transition 117/118 (1990) 485

Electronic Conductivity
Alloys, Liquid Metals, Transport Properties – Liquids 117/118 (1990) 312
Alloys, Liquid Metals, Transport Properties – Liquids 117/118 (1990) 395
Amorphous Solids, Electron Interactions, Localization 117/118 (1990) 433
Electrical Properties, Localization, Transport Properties – Solids, Quasicrystals 117/118 (1990) 828
Electrical Properties and Relaxation, Electronic Structure, Hall Coefficient 117/118 (1990) 379
Electronic Structure, Hall Coefficient, Thermoelectric Power, Quasicrystals 117/118 (1990) 804
Electronic Structure, Liquid Metals, Metallic Glasses 117/118 (1990) 413
Liquid Metals, Transport Properties – Liquids, Alloys 117/118 (1990) 437
Liquid Metals, Transport Properties – Liquids, Theory 117/118 (1990) 402
Metal–Insulator Transition 117/118 (1990) 501
Modelling, Liquid Metals 117/118 (1990) 308
Relaxation, Specific Heat, Sputtering 117/118 (1990) 375
Theory, Liquid Metals, Transport Properties – Liquids 117/118 (1990) 399
Theory, Quasicrystals 117/118 (1990) 781
Transport Properties – Liquids, Liquid Metals, Alloys 117/118 (1990) 391

Electronic Structure
Alloys, Density of States, Liquid Metals, Photo-emission 117/118 (1990) 351
Chalcogenides, Theory 117/118 (1990) 332
Computer Simulation 117/118 (1990) 926
Computer Simulation, Structure 117/118 (1990) 281
Computer Simulation, Structure, Metal–Insulator Transition 117/118 (1990) 477
Density of States, Liquid Metals, Photo-emission, XPS 117/118 (1990) 267
Density of States, Liquid Metals, Photo-emission, XPS 117/118 (1990) 340
Density of States, Metallic Glasses, Specific Heat 117/118 (1990) 359
Density of States, Molecular Orbital Calculation, Bonding 117/118 (1990) 320
Electrical Properties and Relaxation, Electronic Conductivity, Hall Coefficient 117/118 (1990) 379
Electron Interactions, Electron–Lattice Interactions, Fermi Level 117/118 (1990) 421
Electronic Conductivity, Hall Coefficient, Thermoelectric Power, Quasicrystals 117/118 (1990) 804
Electronic Conductivity, Liquid Metals, Metallic Glasses 117/118 (1990) 413
Freezing, Crystallization, Electron Interactions, Liquids 117/118 (1990) 871
Hydrogen Effects, Surface Properties, Photo-emission 117/118 (1990) 654
Hydrogen Effects, Thin Films, XPS 117/118 (1990) 429
Hydrogen Effects, X-ray Absorption, Photo-emission 117/118 (1990) 425
III–V semiconductors, Liquid Metals, Molecular Dynamics 117/118 (1990) 930
Liquid Metals, Alloys, Photo-emission 117/118 (1990) 336
Liquid Metals, Photo-emission 117/118 (1990) 417
Liquid Metals, Structure 117/118 (1990) 304

Liquid Metals, Structure, Theory 117/118 (1990) 128
Liquids, Metal–Insulator Transition, Surface Properties, Molten Salts 117/118 (1990) 613
Localization, Theory, Quasicrystals 117/118 (1990) 844
Localization, Theory, Quasicrystals 117/118 (1990) 848
Magnetic Properties 117/118 (1990) 297
Magnetic Properties, Liquid Metals, Alloys 117/118 (1990) 367
Magnetic Properties, Specific Heat, Spin Glass, Quantum Wells 117/118 (1990) 808
Metal–Insulator Transition, Theory 117/118 (1990) 481
Metallic Glasses, Structure 117/118 (1990) 195
Mössbauer Effect, Superconductors, Lattice Dynamics 117/118 (1990) 363
Optical Properties, Liquid Metals, Metal–Insulator Transition 117/118 (1990) 473
Quasicrystals, Structure 117/118 (1990) 777
Structure, Electron Microscopy, Theory, Metal–Insulator Transition 117/118 (1990) 469
Structure, Liquid Metals, Amorphous Solids 117/118 (1990) 18
Structure, Theory, Liquid Metals 117/118 (1990) 300
Theory, Structure, Liquid Metals 117/118 (1990) 48
Transport Properties – Liquids, Liquid Metals, Alloys 117/118 (1990) 383
Transport Properties – Liquids, Liquid Metals, Alloys 117/118 (1990) 387

Electron–Lattice Interactions
Electronic Structure, Electron Interactions, Fermi Level 117/118 (1990) 421

Entropy
Glass Transition, Structure 117/118 (1990) 183

EXAFS
Amorphous Solids, Glass Formation, Short-Range Order, Amorphization 117/118 (1990) 725
Electron Microscopy, Metallic Glasses, X-ray Diffraction 117/118 (1990) 144
Liquid Semiconductors, Phase Separation, Pressure Effects 117/118 (1990) 525
Liquid Semiconductors, Structure, Short-Range Order 117/118 (1990) 112

Expansion
Density, Liquid Metals, Pressure Effects 117/118 (1990) 563
Density, Liquid Semiconductors, Metal–Insulator Transition 117/118 (1990) 52
Liquid Semiconductors, Metal–Insulator Transition, Optical Properties 117/118 (1990) 489
Phase Transition, Magnetic Properties, Differential Thermal Analysis 117/118 (1990) 551

Experimental Techniques
Liquid Metals, Phase Transition, Time-Resolved Spectroscopy 117/118 (1990) 76
Metallic Glasses, Crystallization 117/118 (1990) 240

Fermi Level
Electronic Structure, Electron Interactions, Electron–Lattice Interactions 117/118 (1990) 421

Freezing
Auger Electron Spectroscopy, Liquid Metals, Computer Simulation, Transport Properties – Liquids 117/118 (1990) 879
Crystallization, Electronic Structure, Electron Interactions, Liquids 117/118 (1990) 871
Glass Transition, Molecular Dynamics, Quenching, Stress Relaxation 117/118 (1990) 862
Liquid Metals, Germania, Alloys 117/118 (1990) 816
Theory 117/118 (1990) 894
Theory, Phase Transition 117/118 (1990) 852
Theory, Thermodynamics 117/118 (1990) 875

Germanates
Diffusion, Trapping, Theory 117/118 (1990) 887

Germania
Freezing, Liquid Metals, Alloys 117/118 (1990) 816

Glass Formation
Amorphous Solids, Calorimetry, Thermodynamics, Amorphization 117/118 (1990) 733
Amorphous Solids, EXAFS, Short-Range Order, Amorphization 117/118 (1990) 725
Amorphous Solids, Thermodynamics, Thermal Properties, Amorphization 117/118 (1990) 704
Diffusion, Multilayers, X-ray Diffraction, Amorphization 117/118 (1990) 696
Ion Implantation, III–V semiconductors, Radiation Effects, Amorphization 117/118 (1990) 745
Quasicrystals, Amorphous Solids, Structure 117/118 (1990) 789

Glass Transition
Amorphous Solids, Alloys, Amorphization 117/118 (1990) 712
Amorphous Solids, Specific Heat, Crystallization 117/118 (1990) 911
Computer Simulation, Quenching 117/118 (1990) 907
Entropy, Structure 117/118 (1990) 183
Freezing, Molecular Dynamics, Quenching, Stress Relaxation 117/118 (1990) 862
Liquid Metals, Diffusion, Viscosity 117/118 (1990) 890
Liquids 117/118 (1990) 898
Molecular Dynamics, Quenching, Stress Relaxation 117/118 (1990) 903
Neutron Diffraction, Transport Properties – Liquids, Viscosity 117/118 (1990) 120
Phase Separation, Metallic Glasses 117/118 (1990) 244
Specific Heat, Thermodynamics 117/118 (1990) 559

Hall Coefficient
Electrical Properties and Relaxation, Electronic Conductivity, Electronic Structure 117/118 (1990) 379

Electronic Conductivity, Electronic Structure, Thermoelectric Power, Quasicrystals 117/118 (1990) 804

Heat Capacity
Chalcogenides, Bonding 117/118 (1990) 575
Liquid Metals, Liquid Semiconductors, Structure 117/118 (1990) 56

Hopping
Amorphous Solids, Diffusion, Thermal Conductivity 117/118 (1990) 605

Hydrogen Effects
Electronic Structure, Surface Properties, Photo-emission 117/118 (1990) 654
Electronic Structure, Thin Films, XPS 117/118 (1990) 429
Electronic Structure, X-ray Absorption, Photo-emission 117/118 (1990) 425

III–V semiconductors
Glass Formation, Ion Implantation, Radiation Effects, Amorphization 117/118 (1990) 745
Liquid Metals, Molecular Dynamics, Electronic Structure 117/118 (1990) 930

Impurities
Amorphous Solids, Structure, X-ray Diffraction, Amorphization 117/118 (1990) 737

Ion Implantation
Glass Formation, III–V semiconductors, Radiation Effects, Amorphization 117/118 (1990) 745

Kinetics
Amorphous Solids, Alloys 117/118 (1990) 535
Calorimetry, Crystallization, Diffusion 117/118 (1990) 226
Crystallization, Metallic Glasses 117/118 (1990) 230

Lasers
Metallic Glasses, Mössbauer Effect, Short-Range Order 117/118 (1990) 160

Lattice Dynamics
Alloys 117/118 (1990) 543
Electronic Structure, Mössbauer Effect, Superconductors 117/118 (1990) 363

Liquid Metals
Alloys, Density 117/118 (1990) 567
Alloys, Density of States, Electronic Structure, Photo-emission 117/118 (1990) 351
Alloys, Electronic Structure, Photo-emission 117/118 (1990) 336
Alloys, Modelling, Theory 117/118 (1990) 316
Alloys, Neutron Diffraction, Structure 117/118 (1990) 68
Alloys, Short-Range Order, Thermodynamics 117/118 (1990) 517
Alloys, Structure, Theory 117/118 (1990) 35
Alloys, Structure, Theory 117/118 (1990) 124
Alloys, Thermodynamics 117/118 (1990) 555
Alloys, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 312
Alloys, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 395
Computer Simulation, Structure, Theory 117/118 (1990) 44
Computer Simulation, Surface Properties 117/118 (1990) 650
Density, Expansion, Pressure Effects 117/118 (1990) 563
Density of States, Electronic Structure, Photo-emission, XPS 117/118 (1990) 267
Density of States, Electronic Structure, Photo-emission, XPS 117/118 (1990) 340
Electrical Properties, Amorphous Solids 117/118 (1990) 405
Electron Diffraction, Surface Properties 117/118 (1990) 662
Electronic Conductivity, Electronic Structure, Metallic Glasses 117/118 (1990) 413
Electronic Structure, Magnetic Properties, Alloys 117/118 (1990) 367
Electronic Structure, Photo-emission 117/118 (1990) 417
Electronic Structure, Structure 117/118 (1990) 304
Electronic Structure, Structure, Amorphous Solids 117/118 (1990) 18
Electronic Structure, Structure, Theory 117/118 (1990) 300
Experimental Techniques, Phase Transition, Time-Resolved Spectroscopy 117/118 (1990) 76
Freezing, Auger Electron Spectroscopy, Computer Simulation, Transport Properties – Liquids 117/118 (1990) 879
Freezing, Germania, Alloys 117/118 (1990) 816
Glass Transition, Diffusion, Viscosity 117/118 (1990) 890
Heat Capacity, Liquid Semiconductors Structure 117/118 (1990) 56
III–V semiconductors, Molecular Dynamics, Electronic Structure 117/118 (1990) 930
Liquid Semiconductors, Optical Properties, Reflectivity, Metal–Insulator Transition 117/118 (1990) 493
Liquid Semiconductors, Structure 117/118 (1990) 60
Liquids, Short-Range Order, Thermodynamics 117/118 (1990) 533
Localization, Magnetic Properties 117/118 (1990) 347
Metal–Insulator Transition, Molten Salts, Magnetic Properties 117/118 (1990) 460
Metallic Glasses, Neutron Diffraction 117/118 (1990) 10
Modelling, Electronic Conductivity 117/118 (1990) 308
Molecular Dynamics, Structure 117/118 (1990) 96
Neutron Diffraction 117/118 (1990) 80
Optical Properties, Electronic Structure, Metal–Insulator Transition 117/118 (1990) 473
Pressure Effects, Structure, X-ray Diffraction 117/118 (1990) 27
Pressure Effects, Structure, X-ray Diffraction 117/118 (1990) 72
Structure, Electronic Structure, Theory 117/118 (1990) 128
Structure, Liquids 117/118 (1990) 100
Structure, Thermodynamics 117/118 (1990) 579

Structure, Thermodynamics 117/118 (1990) 583
Theory, Structure, Electronic Structure 117/118 (1990) 48
Theory, Transport Properties – Liquids, Amorphous Solids 117/118 (1990) 409
Theory, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 399
Thermodynamics 117/118 (1990) 513
Thermodynamics, Alloys 117/118 (1990) 589
Thermodynamics, Short-Range Order 117/118 (1990) 505
Transport Properties – Liquids, Alloys 117/118 (1990) 355
Transport Properties – Liquids, Alloys, Electronic Conductivity 117/118 (1990) 391
Transport Properties – Liquids, Alloys, Electronic Conductivity 117/118 (1990) 437
Transport Properties – Liquids, Electronic Structure, Alloys 117/118 (1990) 383
Transport Properties – Liquids, Electronic Structure, Alloys 117/118 (1990) 387
Transport Properties – Liquids, Theory, Electronic Conductivity 117/118 (1990) 402

Liquid Semiconductors
Alloys, Magnetic Properties, Short-Range Order, Thermodynamics 117/118 (1990) 108
Amorphous Solids, Computer Simulation, Molecular Dynamics 117/118 (1990) 922
Chalcogenides, Density 117/118 (1990) 571
Density, Expansion, Metal–Insulator Transition 117/118 (1990) 52
Electric Properties, Magnetic Properties, X-ray Diffraction 117/118 (1990) 88
Electric Properties, Metal–Insulator Transition, Thermoelectric Power 117/118 (1990) 289
EXAFS, Phase Separation, Pressure Effects 117/118 (1990) 525
EXAFS, Structure, Short-Range Order 117/118 (1990) 112
Expansion, Metal–Insulator Transition, Optical Properties 117/118 (1990) 489
Heat Capacity, Liquid Metals, Structure 117/118 (1990) 56
Liquid Metals, Optical Properties, Reflectivity, Metal–Insulator Transition 117/118 (1990) 493
Liquid Metals, Structure 117/118 (1990) 60
Metal–Insulator Transition, Optical Properties, X-ray Diffraction 117/118 (1990) 450
Neutron Diffraction, Structure, X-ray Diffraction 117/118 (1990) 84

Liquids
Acoustic Properties, Relaxation, Thermodynamics, Molten Salts 117/118 (1990) 631
Alloys, Bonding, Molecular Dynamics 117/118 (1990) 64
Alloys, Structure, Thermodynamics 117/118 (1990) 132
Computer Simulation, Theory, Thermodynamics 117/118 (1990) 593
Electronic Structure, Metal–Insulator Transition, Surface Properties, Molten Salts 117/118 (1990) 613
Freezing, Crystallization, Electronic Structure, Electron Interactions 117/118 (1990) 871
Glass Transition 117/118 (1990) 898
Liquid Metals, Short-Range Order, Thermodynamics 117/118 (1990) 533
Magnetic Properties, Structure, X-ray Diffraction, Molten Salts 117/118 (1990) 638
Medium-Range Order, Nitrogen, Structure, Molten Salts 117/118 (1990) 623
Metal–Insulator Transition, Optical Properties 117/118 (1990) 441
Structure 117/118 (1990) 92
Structure, Liquid Metals 117/118 (1990) 100
Structure, Thermodynamics, Theory 117/118 (1990) 104

Localization
Amorphous Solids, Electronic Conductivity, Electron Interactions 117/118 (1990) 433
Computer Simulation, Metal–Insulator Transition 117/118 (1990) 915
Electronic Conductivity, Electrical Properties, Transport Properties – Solids, Quasicrystals 117/118 (1990) 828
Electronic Structure, Theory, Quasicrystals 117/118 (1990) 844
Electronic Structure, Theory, Quasicrystals 117/118 (1990) 848
Liquid Metals, Magnetic Properties 117/118 (1990) 347

Magnetic Properties
Alloys, Liquid Semiconductors, Short-Range Order, Thermodynamics 117/118 (1990) 108
Amorphous Solids, Alloys, Structure 117/118 (1990) 207
Electric Properties, Liquid Semiconductors, X-ray Diffraction 117/118 (1990) 88
Electron Spin Resonance, Metal–Insulator Transition 117/118 (1990) 485
Electronic Structure 117/118 (1990) 297
Electronic Structure, Liquid Metals, Alloys 117/118 (1990) 367
Electronic Structure, Specific Heat, Spin Glass, Quantum Wells 117/118 (1990) 808
Liquid Metals, Localization 117/118 (1990) 347
Liquids, Structure, X-ray Diffraction, Molten Salts 117/118 (1990) 638
Medium-Range Order, Structure, Stability 117/118 (1990) 293
Metal–Insulator Transition, Liquid Metals, Molten Salts 117/118 (1990) 460
Metallic Glasses, Medium-Range Order, Small Angle Neutron Scattering 117/118 (1990) 191
Metallic Glasses, Neutron Diffraction, Surface Properties 117/118 (1990) 666
Modelling 117/118 (1990) 285
Phase Transition, Differential Thermal Analysis, Expansion 117/118 (1990) 551
Quasicrystals, Alloys 117/118 (1990) 785

Mechanical Properties
Strength, Structure, Small Angle Neutron Scattering 117/118 (1990) 136

Medium-Range Order
Liquids, Nitrogen, Structure, Molten Salts 117/118 (1990) 623
Magnetic Properties, Metallic Glasses, Small Angle Neutron Scattering 117/118 (1990) 191
Magnetic Properties, Structure, Stability 117/118 (1990) 293
Metallic Glasses, Neutron Diffraction, Short-Range Order 117/118 (1990) 1
Metallic Glasses, X-ray Diffraction, Structure 117/118 (1990) 176

Metal–Insulator Transition
Amorphous Solids, Transport Properties – Solids 117/118 (1990) 497
Computer Simulation, Electronic Structure, Structure 117/118 (1990) 477
Computer Simulation, Localization 117/118 (1990) 915
Density, Expansion, Liquid Semiconductors 117/118 (1990) 52
Electric Properties, Liquid Semiconductors, Thermoelectric Power 117/118 (1990) 289
Electron Spin Resonance, Magnetic Properties 117/118 (1990) 485
Electronic Conductivity 117/118 (1990) 501
Electronic Structure, Liquids, Surface Properties, Molten Salts 117/118 (1990) 613
Electronic Structure, Theory 117/118 (1990) 481
Expansion, Liquid Semiconductors, Optical Properties 117/118 (1990) 489
Liquid Metals, Liquid Semiconductors, Optical Properties, Reflectivity 117/118 (1990) 493
Liquid Metals, Molten Salts, Magnetic Properties 117/118 (1990) 460
Liquid Semiconductors, Optical Properties, X-ray Diffraction 117/118 (1990) 450
Liquids, Optical Properties 117/118 (1990) 441
Optical Properties, Liquid Metals, Electronic Structure 117/118 (1990) 473
Structure, Electronic Structure, Electron Microscopy, Theory 117/118 (1990) 469

Metallic Glasses
Alloys, Amorphization 117/118 (1990) 741
Alloys, Computer Simulation, Structure, Quasicrystals 117/118 (1990) 769
Amorphous Solids, Short-Range Order, Structure, Quasicrystals 117/118 (1990) 797
Crystallization, Experimental Techniques 117/118 (1990) 240
Crystallization, Kinetics 117/118 (1990) 230
Crystallization, Mössbauer Effect, Short-Range Order 117/118 (1990) 168
Crystallization, Radiation Effects, Amorphization 117/118 (1990) 716
Density of States, Electronic Structure, Specific Heat 117/118 (1990) 359
Diffusion, Defects, Pressure Effects, Amorphization 117/118 (1990) 708
Electron Microscopy, EXAFS, X-ray Diffraction 117/118 (1990) 144
Electronic Conductivity, Electronic Structure, Liquid Metals 117/118 (1990) 413
Glass Transition, Phase Separation 117/118 (1990) 244
Lasers, Mössbauer Effect, Short-Range Order 117/118 (1990) 160
Liquid Metals, Neutron Diffraction 117/118 (1990) 10
Magnetic Properties, Medium-Range Order, Small Angle Neutron Scattering 117/118 (1990) 191
Magnetic Properties, Neutron Diffraction, Surface Properties 117/118 (1990) 666
Medium-Range Order, Neutron Diffraction, Short-Range Order 117/118 (1990) 1
Molecular Dynamics, Structure, Stability 117/118 (1990) 187
Phase Transition, Quenching, Thermodynamics 117/118 (1990) 539
Phase Transition, Thermodynamics, Thin Films 117/118 (1990) 199
Relaxation, Diffusion, Defects 117/118 (1990) 601
Relaxation, Structure, Short-Range Order 117/118 (1990) 148
Relaxation, Young's Modulus 117/118 (1990) 609
Structure, Defects, Relaxation 117/118 (1990) 252
Structure, Electronic Structure 117/118 (1990) 195
X-ray Diffraction, Structure, Medium-Range Order 117/118 (1990) 176

Metastability
Amorphous Solids, Phase Transition, Pressure Effects, Amorphization 117/118 (1990) 679

Microstructure
Alloys, Sputtering 117/118 (1990) 263
Amorphous Solids, Alloys, Differential Thermal Analysis 117/118 (1990) 259
Amorphous Solids, Alloys, Phase Separation 117/118 (1990) 152

Modelling
Alloys, Liquid Metals, Theory 117/118 (1990) 316
Liquid Metals, Electronic Conductivity 117/118 (1990) 308
Magnetic Properties 117/118 (1990) 285
Structure, Molten Salts 117/118 (1990) 642

Molecular Dynamics
Alloys, Bonding, Liquids 117/118 (1990) 64
Amorphous Solids, Computer Simulation, Liquid Semiconductors 117/118 (1990) 922
Computer Simulation, Phase Transition, Structure 117/118 (1990) 597
Crystallization 117/118 (1990) 883
Freezing, Glass Transition, Quenching, Stress Relaxation 117/118 (1990) 862
Glass Transition, Quenching, Stress Relaxation 117/118 (1990) 903

III–V semiconductors, Liquid Metals, Electronic Structure 117/118 (1990) 930
Liquid Metals, Structure 117/118 (1990) 96
Metallic Glasses, Structure, Stability 117/118 (1990) 187

Molecular Orbital Calculation
Chalcogenides, Defects, Photoinduced Effects 117/118 (1990) 328
Density of States, Electronic Structure, Bonding 117/118 (1990) 320
Electron Interactions 117/118 (1990) 277

Molten Salts
Acoustic Properties, Liquids, Relaxation, Thermodynamics 117/118 (1990) 631
Amorphous Solids, Computer Simulation, Structure, Short-Range Order 117/118 (1990) 627
Amorphous Solids, Computer Simulation, Structure, Transport Properties – Solids 117/118 (1990) 635
Electronic Structure, Liquids, Metal–Insulator Transition, Surface Properties 117/118 (1990) 613
Liquids, Magnetic Properties, Structure, X-ray Diffraction 117/118 (1990) 638
Liquids, Medium-Range Order, Nitrogen, Structure 117/118 (1990) 623
Metal–Insulator Transition, Liquid Metals, Magnetic Properties 117/118 (1990) 460
Modelling, Structure 117/118 (1990) 642

Mössbauer Effect
Crystallization, Metallic Glasses, Short-Range Order 117/118 (1990) 168
Electronic Structure, Superconductors, Lattice Dynamics 117/118 (1990) 363
Lasers, Metallic Glasses, Short-Range Order 117/118 (1990) 160

Multilayers
Amorphous Solids, Diffusion, Neutron Diffraction, Amorphization 117/118 (1990) 692
Diffusion, Glass Formation, X-ray Diffraction, Amorphization 117/118 (1990) 696

Neutron Diffraction
Alloys, Liquid Metals, Structure 117/118 (1990) 68
Amorphous Solids, Diffusion, Multilayers, Amorphization 117/118 (1990) 692
Amorphous Solids, Phase Transition, X-ray Diffraction, Amorphization 117/118 (1990) 700
Amorphous Solids, Structure, Phase Transition, Amorphization 117/118 (1990) 721
Glass Transition, Transport Properties – Liquids, Viscosity 117/118 (1990) 120
Liquid Metals 117/118 (1990) 80
Liquid Metals, Metallic Glasses 117/118 (1990) 10
Liquid Semiconductors, Structure, X-ray Diffraction 117/118 (1990) 84
Magnetic Properties, Metallic Glasses, Surface Properties 117/118 (1990) 666
Metallic Glasses, Medium-Range Order, Short-Range Order 117/118 (1990) 1
Phonons, Transport Properties – Liquids, Electron Microscopy 117/118 (1990) 116

Nitrogen
Liquids, Medium-Range Order, Structure, Molten Salts 117/118 (1990) 623

Non-oxide Glasses
Amorphous Solids, Density of States, Phonons 117/118 (1990) 140
Relaxation, Short-Range Order, Young's Modulus 117/118 (1990) 203

Nuclear Magnetic Resonance
Sputtering, Short-Range Order, Thin Films 117/118 (1990) 344

Nucleation
Crystallization, Electron Microscopy, Thin Films 117/118 (1990) 222

Optical Properties
Alloys, Crystallization, Quasicrystals 117/118 (1990) 812
Density of States, Theory 117/118 (1990) 324
Expansion, Liquid Semiconductors, Metal–Insulator Transition 117/118 (1990) 489
Liquid Metals, Electronic Structure, Metal–Insulator Transition 117/118 (1990) 473
Liquid Metals, Liquid Semiconductors, Reflectivity, Metal–Insulator Transition 117/118 (1990) 493
Liquid Semiconductors, Metal–Insulator Transition, X-ray Diffraction 117/118 (1990) 450
Liquids, Metal–Insulator Transition 117/118 (1990) 441

Phase Separation
Alloys, Small Angle X-ray Scattering, Structure 117/118 (1990) 172
Amorphous Solids, Alloys, Microstructure 117/118 (1990) 152
Amorphous Solids, Crystallization, Electron Microscopy 117/118 (1990) 215
EXAFS, Liquid Semiconductors, Pressure Effects 117/118 (1990) 525
Glass Transition, Metallic Glasses 117/118 (1990) 244

Phase Transition
Amorphous Solids, Calorimetry, Structure, Amorphization 117/118 (1990) 670
Amorphous Solids, Metastability, Pressure Effects, Amorphization 117/118 (1990) 679
Amorphous Solids, Neutron Diffraction, Structure, Amorphization 117/118 (1990) 721
Amorphous Solids, Neutron Diffraction, X-ray Diffraction, Amorphization 117/118 (1990) 700

Computer Simulation, Molecular Dynamics, Structure 117/118 (1990) 597
Experimental Techniques, Liquid Metals, Time-Resolved Spectroscopy 117/118 (1990) 76
Freezing, Theory 117/118 (1990) 852
Magnetic Properties, Differential Thermal Analysis, Expansion 117/118 (1990) 551
Metallic Glasses, Quenching, Thermodynamics 117/118 (1990) 539
Thermodynamics, Thin Films, Metallic Glasses 117/118 (1990) 199

Phonons
Amorphous Solids, Density of States, Non-oxide Glasses 117/118 (1990) 140
Neutron Diffraction, Transport Properties – Liquids, Electron Microscopy 117/118 (1990) 116

Photo-emission
Alloys, Density of States, Electronic Structure, Liquid Metals 117/118 (1990) 351
Density of States, Electronic Structure, Liquid Metals, XPS 117/118 (1990) 267
Density of States, Electronic Structure, Liquid Metals, XPS 117/118 (1990) 340
Electronic Structure, Hydrogen Effects, Surface Properties 117/118 (1990) 654
Electronic Structure, Hydrogen Effects, X-ray Absorption 117/118 (1990) 425
Electronic Structure, Liquid Metals 117/118 (1990) 417
Liquid Metals, Alloys, Electronic Structure 117/118 (1990) 336

Photoinduced Effects
Chalcogenides, Defects, Molecular Orbital Calculation 117/118 (1990) 328

Pressure Effects
Amorphous Solids, Metastability, Phase Transition, Amorphization 117/118 (1990) 679
Density, Expansion, Liquid Metals 117/118 (1990) 563
Diffusion, Metallic Glasses, Defects, Amorphization 117/118 (1990) 708
EXAFS, Liquid Semiconductors, Phase Separation 117/118 (1990) 525
Liquid Metals, Structure, X-ray Diffraction 117/118 (1990) 27
Liquid Metals, Structure, X-ray Diffraction 117/118 (1990) 72

Quantum Wells
Electronic Structure, Magnetic Properties, Specific Heat, Spin Glass 117/118 (1990) 808

Quasicrystals
Acoustic Properties, Elastic Properties, Tunneling, Young's Modulus 117/118 (1990) 801
Alloys, Amorphous Solids, Structure 117/118 (1990) 824
Alloys, Computer Simulation, Metallic Glasses, Structure 117/118 (1990) 769
Alloys, Defects, Quenching, Relaxation, Trapping 117/118 (1990) 793
Alloys, Electron Diffraction, Theory 117/118 (1990) 765
Amorphous Solids, Glass Formation, Structure 117/118 (1990) 789
Amorphous Solids, Metallic Glasses, Short-Range Order, Structure 117/118 (1990) 797
Computer Simulation, Alloys, Structure 117/118 (1990) 836
Electron Microscopy 117/118 (1990) 773
Electronic Conductivity, Electrical Properties, Localization, Transport Properties – Solids 117/118 (1990) 828
Electronic Conductivity, Electronic Structure, Hall Coefficient, Thermoelectric Power 117/118 (1990) 804
Electronic Structure, Localization, Theory 117/118 (1990) 844
Electronic Structure, Localization, Theory 117/118 (1990) 848
Magnetic Properties, Alloys 117/118 (1990) 785
Optical Properties, Alloys, Crystallization 117/118 (1990) 812
Structure, Amorphous Solids, Alloys 117/118 (1990) 756
Structure, Electronic Structure 117/118 (1990) 777
Structure, Theory 117/118 (1990) 840
Theory, Electronic Conductivity 117/118 (1990) 781
Theory, Structure 117/118 (1990) 820
Theory, Structure 117/118 (1990) 832

Quenching
Alloys, Defects, Relaxation, Trapping, Quasicrystals 117/118 (1990) 793
Freezing, Glass Transition, Molecular Dynamics, Stress Relaxation 117/118 (1990) 862
Glass Transition, Computer Simulation 117/118 (1990) 907
Glass Transition, Molecular Dynamics, Stress Relaxation 117/118 (1990) 903
Metallic Glasses, Phase Transition, Thermodynamics 117/118 (1990) 539

Radiation Effects
Amorphization 117/118 (1990) 749
Amorphous Solids 117/118 (1990) 248
Computer Simulation 117/118 (1990) 156
Crystallization, Metallic Glasses, Amorphization 117/118 (1990) 716
Glass Formation, Ion Implantation, III–V semiconductors, Amorphization 117/118 (1990) 745
Relaxation, Theory 117/118 (1990) 256

Raman Spectra
Amorphous Solids, Crystallization, Structure 117/118 (1990) 219

Reflectivity
Liquid Metals, Liquid Semiconductors, Optical Properties, Metal–Insulator Transition 117/118 (1990) 493

Relaxation
Acoustic Properties, Liquids, Thermodynamics, Molten Salts 117/118 (1990) 631
Alloys, Defects, Quenching, Trapping, Quasicrystals 117/118 (1990) 793
Electronic Conductivity, Specific Heat, Sputtering 117/118 (1990) 375
Metallic Glasses, Diffusion, Defects 117/118 (1990) 601
Metallic Glasses, Structure, Defects 117/118 (1990) 252
Metallic Glasses, Structure, Short-Range Order 117/118 (1990) 148
Metallic Glasses, Young's Modulus 117/118 (1990) 609
Non-oxide Glasses, Short-Range Order, Young's Modulus 117/118 (1990) 203
Radiation Effects, Theory 117/118 (1990) 256

Short-Range Order
Alloys, Liquid Semiconductors, Magnetic Properties, Thermodynamics 117/118 (1990) 108
Alloys, Thermodynamics, Liquid Metals 117/118 (1990) 517
Amorphous Solids, Computer Simulation, Structure, Molten Salts 117/118 (1990) 627
Amorphous Solids, EXAFS, Glass Formation, Amorphization 117/118 (1990) 725
Amorphous Solids, Metallic Glasses, Structure, Quasicrystals 117/118 (1990) 797
Crystallization, Metallic Glasses, Mössbauer Effect 117/118 (1990) 168
EXAFS, Liquid Semiconductors, Structure 117/118 (1990) 112
Lasers, Metallic Glasses, Mössbauer Effect 117/118 (1990) 160
Liquid Metals, Thermodynamics 117/118 (1990) 505
Liquids, Liquid Metals, Thermodynamics 117/118 (1990) 533
Metallic Glasses, Medium-Range Order, Neutron Diffraction 117/118 (1990) 1
Metallic Glasses, Relaxation, Structure 117/118 (1990) 148
Non-oxide Glasses, Relaxation, Young's Modulus 117/118 (1990) 203
Nuclear Magnetic Resonance, Sputtering, Thin Films 117/118 (1990) 344

Small Angle Neutron Scattering
Magnetic Properties, Metallic Glasses, Medium-Range Order 117/118 (1990) 191
Mechanical Properties, Strength, Structure 117/118 (1990) 136

Small Angle X-ray Scattering
Alloys, Phase Separation, Structure 117/118 (1990) 172

Specific Heat
Amorphous Solids, Glass Transition, Crystallization 117/118 (1990) 911
Density of States, Electronic Structure, Metallic Glasses 117/118 (1990) 359
Electronic Conductivity, Relaxation, Sputtering 117/118 (1990) 375
Electronic Structure, Magnetic Properties, Spin Glass, Quantum Wells 117/118 (1990) 808
Glass Transition, Thermodynamics 117/118 (1990) 559

Spin Glass
Electronic Structure, Magnetic Properties, Specific Heat, Quantum Wells 117/118 (1990) 808

Sputtering
Alloys, Microstructure 117/118 (1990) 263
Electronic Conductivity, Relaxation, Specific Heat 117/118 (1990) 375
Nuclear Magnetic Resonance, Short-Range Order, Thin Films 117/118 (1990) 344

Stability
Magnetic Properties, Medium-Range Order, Structure 117/118 (1990) 293
Metallic Glasses, Molecular Dynamics, Structure 117/118 (1990) 187

Strength
Mechanical Properties, Structure, Small Angle Neutron Scattering 117/118 (1990) 136

Stress Relaxation
Freezing, Glass Transition, Molecular Dynamics, Quenching 117/118 (1990) 862
Glass Transition, Molecular Dynamics, Quenching 117/118 (1990) 903

Structure
Alloys, Computer Simulation, Metallic Glasses, Quasicrystals 117/118 (1990) 769
Alloys, Liquid Metals, Neutron Diffraction 117/118 (1990) 68
Alloys, Liquid Metals, Theory 117/118 (1990) 35
Alloys, Liquid Metals, Theory 117/118 (1990) 124
Alloys, Liquids, Thermodynamics 117/118 (1990) 132
Alloys, Phase Separation, Small Angle X-ray Scattering 117/118 (1990) 172
Amorphous Solids 117/118 (1990) 180
Amorphous Solids, Alloys, Magnetic Properties 117/118 (1990) 207
Amorphous Solids, Calorimetry, Phase Transition, Amorphization 117/118 (1990) 670
Amorphous Solids, Computer Simulation, Short-Range Order, Molten Salts 117/118 (1990) 627
Amorphous Solids, Computer Simulation, Transport Properties – Solids, Molten Salts 117/118 (1990) 635
Amorphous Solids, Crystallization 117/118 (1990) 234
Amorphous Solids, Crystallization, Raman Spectra 117/118 (1990) 219
Amorphous Solids, Impurities, X-ray Diffraction, Amorphization 117/118 (1990) 737
Amorphous Solids, Metallic Glasses, Short-Range Order, Quasicrystals 117/118 (1990) 797

Amorphous Solids, Neutron Diffraction, Phase Transition, Amorphization 117/118 (1990) 721
Computer Simulation, Alloys, Amorphous Solids 117/118 (1990) 211
Computer Simulation, Electronic Structure 117/118 (1990) 281
Computer Simulation, Electronic Structure, Metal–Insulator Transition 117/118 (1990) 477
Computer Simulation, Liquid Metals, Theory 117/118 (1990) 44
Computer Simulation, Molecular Dynamics, Phase Transition 117/118 (1990) 597
Electronic Structure, Electron Microscopy, Theory, Metal–Insulator Transition 117/118 (1990) 469
Electronic Structure, Liquid Metals 117/118 (1990) 304
Electronic Structure, Liquid Metals, Amorphous Solids 117/118 (1990) 18
Electronic Structure, Theory, Liquid Metals 117/118 (1990) 300
Entropy, Glass Transition 117/118 (1990) 183
EXAFS, Liquid Semiconductors, Short-Range Order 117/118 (1990) 112
Heat Capacity, Liquid Metals, Liquid Semiconductors 117/118 (1990) 56
Liquid Metals, Electronic Structure, Theory 117/118 (1990) 128
Liquid Metals, Liquid Semiconductors 117/118 (1990) 60
Liquid Metals, Liquids 117/118 (1990) 100
Liquid Metals, Molecular Dynamics 117/118 (1990) 96
Liquid Metals, Pressure Effects, X-ray Diffraction 117/118 (1990) 27
Liquid Metals, Pressure Effects, X-ray Diffraction 117/118 (1990) 72
Liquid Metals, Thermodynamics 117/118 (1990) 579
Liquid Metals, Thermodynamics 117/118 (1990) 583
Liquid Semiconductors, Neutron Diffraction, X-ray Diffraction 117/118 (1990) 84
Liquids 117/118 (1990) 92
Liquids, Magnetic Properties, X-ray Diffraction, Molten Salts 117/118 (1990) 638
Liquids, Medium-Range Order, Nitrogen, Molten Salts 117/118 (1990) 623
Liquids, Thermodynamics, Theory 117/118 (1990) 104
Magnetic Properties, Medium-Range Order, Stability 117/118 (1990) 293
Mechanical Properties, Strength, Small Angle Neutron Scattering 117/118 (1990) 136
Metallic Glasses, Defects, Relaxation 117/118 (1990) 252
Metallic Glasses, Electronic Structure 117/118 (1990) 195
Metallic Glasses, Molecular Dynamics, Stability 117/118 (1990) 187
Metallic Glasses, Relaxation, Short-Range Order 117/118 (1990) 148
Metallic Glasses, X-ray Diffraction, Medium-Range Order 117/118 (1990) 176
Modelling, Molten Salts 117/118 (1990) 642
Quasicrystals, Alloys, Amorphous Solids 117/118 (1990) 824
Quasicrystals, Amorphous Solids, Alloys 117/118 (1990) 756
Quasicrystals, Amorphous Solids, Glass Formation 117/118 (1990) 789
Quasicrystals, Computer Simulation, Alloys 117/118 (1990) 836
Quasicrystals, Electronic Structure 117/118 (1990) 777
Quasicrystals, Theory 117/118 (1990) 832
Quasicrystals, Theory 117/118 (1990) 840
Theory, Liquid Metals, Electronic Structure 117/118 (1990) 48
Theory, Quasicrystals 117/118 (1990) 820

Superconductors
Electronic Structure, Mössbauer Effect, Lattice Dynamics 117/118 (1990) 363

Surface Properties
Alloys, Surface Tension 117/118 (1990) 646
Amorphous Solids, Chemical Durability 117/118 (1990) 658
Computer Simulation, Liquid Metals 117/118 (1990) 650
Electron Diffraction, Liquid Metals 117/118 (1990) 662
Electronic Structure, Hydrogen Effects, Photo-emission 117/118 (1990) 654
Electronic Structure, Liquids, Metal–Insulator Transition, Molten Salts 117/118 (1990) 613
Magnetic Properties, Metallic Glasses, Neutron Diffraction 117/118 (1990) 666

Surface Tension
Alloys, Surface Properties 117/118 (1990) 646

Theory
Alloys, Electron Diffraction, Quasicrystals 117/118 (1990) 765
Alloys, Liquid Metals, Modelling 117/118 (1990) 316
Alloys, Liquid Metals, Structure 117/118 (1990) 35
Alloys, Liquid Metals, Structure 117/118 (1990) 124
Chalcogenides, Electronic Structure 117/118 (1990) 332
Computer Simulation, Liquid Metals, Structure 117/118 (1990) 44
Computer Simulation, Liquids, Thermodynamics 117/118 (1990) 593
Density of States, Optical Properties 117/118 (1990) 324
Electronic Structure, Localization, Quasicrystals 117/118 (1990) 844
Electronic Structure, Localization, Quasicrystals 117/118 (1990) 848
Electronic Structure, Metal–Insulator Transition 117/118 (1990) 481
Electronic Structure, Structure, Liquid Metals 117/118 (1990) 300
Freezing 117/118 (1990) 894
Freezing, Phase Transition 117/118 (1990) 852
Germanates, Diffusion, Trapping 117/118 (1990) 887
Liquid Metals, Structure, Electronic Structure 117/118 (1990) 128

Liquid Metals, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 399
Liquid Metals, Transport Properties – Liquids, Electronic Conductivity 117/118 (1990) 402
Liquids, Structure, Thermodynamics 117/118 (1990) 104
Quasicrystals, Electronic Conductivity 117/118 (1990) 781
Quasicrystals, Structure 117/118 (1990) 832
Quasicrystals, Structure 117/118 (1990) 840
Radiation Effects, Relaxation 117/118 (1990) 256
Structure, Electronic Structure, Electron Microscopy, Metal–Insulator Transition 117/118 (1990) 469
Structure, Liquid Metals, Electronic Structure 117/118 (1990) 48
Structure, Quasicrystals 117/118 (1990) 820
Thermodynamics, Freezing 117/118 (1990) 875
Thermodynamics, Thermal Properties, Calorimetry 117/118 (1990) 529
Transport Properties – Liquids, Liquid Metals, Amorphous Solids 117/118 (1990) 409

Thermal Conductivity
Amorphous Solids, Diffusion, Hopping 117/118 (1990) 605

Thermal Properties
Amorphous Solids, Alloys 117/118 (1990) 547
Amorphous Solids, Glass Formation, Thermodynamics, Amorphization 117/118 (1990) 704
Thermodynamics, Theory, Calorimetry 117/118 (1990) 529

Thermodynamics
Acoustic Properties, Liquids, Relaxation, Molten Salts 117/118 (1990) 631
Alloys, Liquid Semiconductors, Magnetic Properties, Short-Range Order 117/118 (1990) 108
Alloys, Liquids, Structure 117/118 (1990) 132
Alloys, Short-Range Order, Liquid Metals 117/118 (1990) 517
Alloys, Thermoelectric Power 117/118 (1990) 587
Amorphous Solids, Calorimetry, Glass Formation, Amorphization 117/118 (1990) 733
Amorphous Solids, Glass Formation, Thermal Properties, Amorphization 117/118 (1990) 704
Computer Simulation, Liquids, Theory 117/118 (1990) 593
Glass Transition, Specific Heat 117/118 (1990) 559
Liquid Metals 117/118 (1990) 513
Liquid Metals, Alloys 117/118 (1990) 555
Liquid Metals, Alloys 117/118 (1990) 589
Liquid Metals, Short-Range Order 117/118 (1990) 505
Liquid Metals, Structure 117/118 (1990) 579
Liquid Metals, Structure 117/118 (1990) 583
Liquids, Liquid Metals, Short-Range Order 117/118 (1990) 533
Liquids, Structure, Theory 117/118 (1990) 104
Metallic Glasses, Phase Transition, Quenching 117/118 (1990) 539
Phase Transition, Thin Films, Metallic Glasses 117/118 (1990) 199
Theory, Freezing 117/118 (1990) 875
Thermal Properties, Theory, Calorimetry 117/118 (1990) 529

Thermoelectric Power
Amorphous Solids, Alloys 117/118 (1990) 371
Electric Properties, Liquid Semiconductors, Metal–Insulator Transition 117/118 (1990) 289
Electronic Conductivity, Electronic Structure, Hall Coefficient, Quasicrystals 117/118 (1990) 804
Thermodynamics, Alloys 117/118 (1990) 587

Thin Films
Alloys 117/118 (1990) 521
Crystallization, Electron Microscopy, Nucleation 117/118 (1990) 222
Electronic Structure, Hydrogen Effects, XPS 117/118 (1990) 429
Nuclear Magnetic Resonance, Sputtering, Short-Range Order 117/118 (1990) 344
Phase Transition, Thermodynamics, Metallic Glasses 117/118 (1990) 199

Time-Resolved Spectroscopy
Experimental Techniques, Liquid Metals, Phase Transition 117/118 (1990) 76

Transport Properties – Liquids
Alloys, Liquid Metals, Electronic Conductivity 117/118 (1990) 312
Alloys, Liquid Metals, Electronic Conductivity 117/118 (1990) 395
Electronic Structure, Liquid Metals, Alloys 117/118 (1990) 383
Freezing, Auger Electron Spectroscopy, Liquid Metals, Computer Simulation 117/118 (1990) 879
Glass Transition, Neutron Diffraction, Viscosity 117/118 (1990) 120
Liquid Metals, Alloys 117/118 (1990) 355
Liquid Metals, Alloys, Electronic Conductivity 117/118 (1990) 391
Liquid Metals, Alloys, Electronic Conductivity 117/118 (1990) 437
Liquid Metals, Electronic Structure, Alloys 117/118 (1990) 387
Liquid Metals, Theory, Electronic Conductivity 117/118 (1990) 402
Neutron Diffraction, Phonons, Electron Microscopy 117/118 (1990) 116
Theory, Liquid Metals, Amorphous Solids 117/118 (1990) 409
Theory, Liquid Metals, Electronic Conductivity 117/118 (1990) 399

Transport Properties – Solids
Amorphous Solids, Computer Simulation, Structure, Molten Salts 117/118 (1990) 635
Amorphous Solids, Metal–Insulator Transition 117/118 (1990) 497
Electronic Conductivity, Electrical Properties, Localization, Quasicrystals 117/118 (1990) 828

Trapping
Alloys, Defects, Quenching, Relaxation, Quasicrystals 117/118 (1990) 793
Germanates, Diffusion, Theory 117/118 (1990) 887

Tunneling
Acoustic Properties, Elastic Properties, Young's Modulus, Quasicrystals 117/118 (1990) 801

Viscosity
Glass Transition, Liquid Metals, Diffusion 117/118 (1990) 890
Glass Transition, Neutron Diffraction, Transport Properties – Liquids 117/118 (1990) 120

X-ray Absorption
Electronic Structure, Hydrogen Effects, Photo-emission 117/118 (1990) 425

X-ray Diffraction
Amorphous Solids, Alloys 117/118 (1990) 164
Amorphous Solids, Differential Thermal Analysis, Electrochemical Properties, Amorphization 117/118 (1990) 752
Amorphous Solids, Impurities, Structure, Amorphization 117/118 (1990) 737
Amorphous Solids, Neutron Diffraction, Phase Transition, Amorphization 117/118 (1990) 700
Diffusion, Glass Formation, Multilayers, Amorphization 117/118 (1990) 696
Electric Properties, Liquid Semiconductors, Magnetic Properties 117/118 (1990) 88
Electron Microscopy, EXAFS, Metallic Glasses 117/118 (1990) 144
Liquid Metals, Pressure Effects, Structure 117/118 (1990) 27
Liquid Metals, Pressure Effects, Structure 117/118 (1990) 72
Liquid Semiconductors, Metal–Insulator Transition, Optical Properties 117/118 (1990) 450
Liquid Semiconductors, Neutron Diffraction, Structure 117/118 (1990) 84
Liquids, Magnetic Properties, Structure, Molten Salts 117/118 (1990) 638
Metallic Glasses, Structure, Medium-Range Order 117/118 (1990) 176

XPS
Density of States, Electronic Structure, Liquid Metals, Photo-emission 117/118 (1990) 267
Density of States, Electronic Structure, Liquid Metals, Photo-emission 117/118 (1990) 340
Electronic Structure, Hydrogen Effects, Thin Films 117/118 (1990) 429

Young's Modulus
Acoustic Properties, Elastic Properties, Tunneling, Quasicrystals 117/118 (1990) 801
Metallic Glasses, Relaxation 117/118 (1990) 609
Non-oxide Glasses, Relaxation, Short-Range Order 117/118 (1990) 203